



**STATE OF HAWAII**  
DEPARTMENT OF HUMAN SERVICES  
HAWAII PUBLIC HOUSING AUTHORITY  
1002 NORTH SCHOOL STREET  
P.O. BOX 17907  
Honolulu, Hawaii 96817

**ADDENDUM NO. 2**

TO THE  
PLANS AND SPECIFICATIONS  
FOR  
FURNISHING LABOR AND MATERIALS  
REQUIRED FOR

**PHYSICAL IMPROVEMENTS  
AT  
MAKANI KAI HALE I & II**

35 KOAPAKA LANE  
WAILUKU, MAUI, HAWAII

TAX MAP KEY NO: (2)3-3-01:10

HPHA JOB NO. 07-063-192-S/F

IFB-CMS-2009-34

January 28, 2010

The items listed hereinafter are hereby made a part of the contract for the above project and shall govern the work, taking precedence over previously issued plans and specifications and addendums governing the items mentioned.

A. CHANGES TO SPECIFICATIONS

1. APPENDIX

- a. GENERAL DECISION (FEDERAL WAGE RATES); delete General Decision Number H120080001, 11/27/09, Modification No. 33 in its entirety; replace with General Decision Number H120080001, 01/08/10, Modification Number 34 (Attachment A).

2. SECTION 02361 – TERMITE AND PEST CONTROL; page 2 of 4; paragraph 1.05 (A); revise “Three years” to read “Two Years”.

3. SECTION 06105 MISCELLANEOUS CARPENTRY

- a. Page 1 of 4; Paragraph 1.01 (A); add following sub-paragraph:  
“3. Removal and replacement of rust damaged existing fasteners on existing plywood sheathing and other exterior exposed to weather carpentry wood members.”
- b. Page 1 of 4; paragraph 1.03; add following sub-paragraph:  
“E. Product data of fasteners.”
- c. Page 4 of 4; revise paragraph 2.05 (A) (1) to read  
“1. Where miscellaneous carpentry is exposed to weather, to ground contact, or in areas of high relative humidity, provide Type 304 stainless steel fasteners. Provide hot-dip galvanized fasteners where carpentry is not exposed to weather, not in contact with ground and not in areas of high humidity.”
- d. Page 4 of 4; add following:  
“3.03 REMOVAL AND REPLACEMENT OF EXISTING FASTENERS.  
a. Examine all existing exterior surfaces of all buildings. Locate all rust damaged fasteners. Remove all rust damaged fasteners. Replace removed fasteners with new fasteners. New fasteners shall be as specified paragraph 2.05 (A) (1).”

4. SECTION 06200 – FINISH CARPENTRY

- a. Page 2 of 3; paragraph 2.02 ( c ) (1); revise last two sentences to read:  
“Provide all fasteners and anchorages with hot-dip galvanized finish for carpentry not exposed to weather, to ground contact and to areas of relative high humidity. Fasteners at wet areas, exposed to weather, areas of relative high humidity and ground contact shall be Type 316 stainless steel.”

5. SECTION 08620 – SOLID VINYL WINDOWS

- a. Page 2 of 5; paragraph 1.04 (E); fifth line; delete “insulating”.

- b. Page 4 of 5; revise paragraph 2.04 (A) and add subparagraph to read:  
 "A. Float Glass: ASTM C 1036, Type I, Class 1 (clear and obscure) and Quality q3 (glazing select).  
 1. Glass Thickness: 3/16" thick minimum, single pane".
  - c. Page 4 of 5; delete paragraph 2.04 (B) and its subparagraphs in their entirety.
6. NEW SECTIONS: The following new sections are issued:
- a. Section 01045 – Cutting and Patching (Attached).
  - b. Section 02070 – Selective Demolition (Attached).

**B. CHANGES TO DRAWINGS**

1. Revised Drawings.

Portions of the following drawings have been revised, The revisions are shown on attached exhibit list below. These revised drawings supercede previously issued drawings.

<u>Sheet Group</u>	<u>Sheet No.</u>	<u>Sheet Name or Description</u>
Architectural	A-2	Added Keynotes to Demolition Keynotes, drawings.
Architectural	A-3	Added Keynote to Renovation Keynotes, Keynotes to Drawings, Added new window Symbols to drawings.
Architectural	A-5, A-7, A-9, A-11 A-13, A-15 A-17, A-19	Added new windows and symbols to drawings.
Architectural	A-20	Revised Det. 2/A-20 and 10/A-20
Electrical	E-2, E-3	Revised and added notes.

2. New Drawing: The following full sized (24" X 36") drawing dated 1/28/10 is issued:

<u>Sheet Group</u>	<u>Sheet No.</u>	<u>Sheet Name or Description</u>
Architectural	A-22	Window Schedule, General Notes

C. SUBSTITUTION OF MATERIALS AND EQUIPMENT

1. Pelsa Pacific Electrical Sales Agency, Inc., January 14, 2010.

Section/ Item	Specified Brand	Substitute or Alternate Brand	Variant Features	Approval/ Denial
16400	Daybrite	HE WILLIAMS #31-4-232-I-EB2- UNV	None	Approved
	Kendall	LUMINAIRE #LPL 58-1 PLC26-120-CP- BRZ-WET-PC-A/B	None	Approved

2. Island Pacific Distributors, Inc., January 15, 2010.

Section/ Item	Specified Brand	Substitute or Alternate Brand	Variant Features	Approval/ Denial
08710	Hager BB1191	McKinney TA23314	None	Approved
	Schlage ND Series	Sargent 10 Line	None	Approved
	Schlage RHO	Sargent LL	None	Approved
	Schlage B664P	Sargent 480 Series	None	Approved
	LCN	Sargent 281 Series	None	Approved
	Ives FB358	Trimco 3917	None	Approved
	Ives DP2	Trimco 3910/3911	None	Approved
	Ives WS406	Trimco 1270	None	Approved
	Ives FS17	Trimco 1211	None	Approved
	Ives FS452	Trimco 1220-5	None	Approved
	Ives 8114-5	Trimco 1109-1	None	Approved
	Ives 8400	Trimco K0050	None	Approved

D. ADDENDUM NO. 1

1. B. MINUTES OF PRE-BID MEETING

a. Item D. QUESTIONS AND RESPONSES, add following:

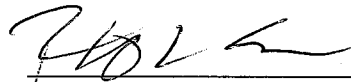
"6. Question:

Will the existing rusted fasteners on the siding need to be repaired?

Response: Yes."

Additional Note: Refer to Demolition Keynotes on Drawings.

Approved by:



Rick T. Sogawa  
Acting Procurement Officer

END OF ADDENDUM NO. 2



**ATTACHMENT A**

GENERAL DECISION: HI20080001 01/08/2010 HI1

Date: January 8, 2010

General Decision Number: HI20080001 01/08/2010

Superseded General Decision Number: HI20070001

State: Hawaii

Construction Types: Building, Heavy (Heavy and Dredging),  
Highway and Residential

Counties: Hawaii Statewide.

BUILDING CONSTRUCTION PROJECTS; RESIDENTIAL CONSTRUCTION  
PROJECTS (consisting of single family homes and apartments up  
to and including 4 stories); HEAVY AND HIGHWAY CONSTRUCTION  
PROJECTS AND DREDGING

Modification Number	Publication Date
0	02/08/2008
1	02/15/2008
2	02/22/2008
3	02/29/2008
4	03/07/2008
5	04/18/2008
6	05/30/2008
7	06/20/2008
8	07/04/2008
9	07/11/2008
10	07/18/2008
11	07/25/2008
12	08/01/2008
13	09/05/2008
14	09/12/2008
15	09/19/2008
16	10/03/2008
17	10/31/2008
18	01/09/2009
19	02/06/2009
20	02/13/2009
21	02/27/2009
22	03/06/2009
23	04/24/2009
24	07/03/2009
25	07/10/2009
26	08/21/2009
27	09/04/2009
28	09/11/2009
29	09/25/2009
30	10/23/2009
31	11/06/2009
32	11/13/2009
33	11/27/2009
34	01/08/2010

ASBE0132-001 08/30/2009

	Rates	Fringes
Asbestos Workers/Insulator		
Includes application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems. Also the application of firestopping material for wall openings and penetrations in walls, floors, ceilings and curtain walls.....	\$ 35.60	21.69

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BOIL0627-005 10/01/2008

	Rates	Fringes
BOILERMAKERS.....	\$ 31.00	22.10

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BRHI0001-001 08/31/2009

	Rates	Fringes
BRICKLAYER		
Bricklayers and Stonemasons..	\$ 36.20	16.77
Pointers, Caulkers and Weatherproofers.....	\$ 36.45	16.77

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BRHI0001-002 08/31/2009

	Rates	Fringes
Tile, Marble & Terrazzo Worker		
Terrazzo Base Grinders.....	\$ 34.64	16.77
Terrazzo Floor Grinders and Tenders.....	\$ 33.09	16.77
Tile, Marble and Terrazzo Workers.....	\$ 36.45	16.77

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CARP0745-001 08/31/2009

	Rates	Fringes
Carpenters:		
Carpenters; Hardwood Floor Layers; Patent Scaffold Erectors (14 ft. and over); Piledrivers; Pneumatic Nailers; Wood Shinglers and Transit and/or Layout Man.....	\$ 36.20	19.22
Millwrights and Machine Erectors.....	\$ 36.45	19.22
Power Saw Operators (2 h.p. and over).....	\$ 36.35	19.22

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CARP0745-002 08/31/2009

	Rates	Fringes
Drywall and Acoustical Workers and Lathers.....	\$ 36.45	19.22

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ELEC1186-001 03/01/2009

	Rates	Fringes
Electricians:		
Cable Splicers.....	\$ 42.68	30.6%+11.65
Electricians.....	\$ 38.80	30.6%+11.65
Technicians.....	\$ 39.96	30.6%+11.65

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ELEC1186-002 08/23/2009

	Rates	Fringes
Line Construction:		
Cable Splicers.....	\$ 42.68	3%+15.82
Groundmen/Truck Drivers.....	\$ 29.10	3%+16.70
Heavy Equipment Operators...	\$ 34.92	3%+17.61
Linemen.....	\$ 38.80	3%+18.21
Technicians.....	\$ 39.96	30.6%+11.65

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\* ELEV0126-001 01/01/2010

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 48.23	20.24

a. VACATION: Employer contributes 8% of basic hourly rate for 5 years service and 6% of basic hourly rate for 6 months to 5 years service as vacation pay credit.

b. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day and Christmas Day.

	Rates	Fringes
Diver (Aqua Lung) (Scuba)		
Diver (Aqua Lung) (Scuba)		
(over a depth of 30 feet)...\$ 56.80		22.83
Diver (Aqua Lung) (Scuba)		
(up to a depth of 30 feet)...\$ 47.43		22.83
Stand-by Diver (Aqua Lung)		
(Scuba).....\$ 38.05		22.83
Diver (Other than Aqua Lung)		
Diver (Other than Aqua		
Lung).....\$ 56.80		22.83
Diver Tender (Other than		
Aqua Lung).....\$ 35.02		22.83
Stand-by Diver (Other than		
Aqua Lung).....\$ 38.05		22.83
Helicopter Work		
Airborne Hoist Operator		
for Helicopter.....\$ 36.60		22.83
Co-Pilot of Helicopter.....\$ 36.74		22.83
Pilot of Helicopter.....\$ 36.91		22.83
Power equipment operator -		
tunnel work		
GROUP 1.....\$ 33.04		22.83
GROUP 2.....\$ 33.15		22.83
GROUP 3.....\$ 33.32		22.83
GROUP 4.....\$ 33.59		22.83
GROUP 5.....\$ 33.90		22.83
GROUP 6.....\$ 34.55		22.83
GROUP 7.....\$ 34.87		22.83
GROUP 8.....\$ 34.98		22.83
GROUP 9.....\$ 35.09		22.83
GROUP 9A.....\$ 35.32		22.83
GROUP 10.....\$ 35.38		22.83
GROUP 10A.....\$ 35.53		22.83
GROUP 11.....\$ 35.68		22.83
GROUP 12.....\$ 36.04		22.83
GROUP 12A.....\$ 36.40		22.83
Power equipment operators:		
GROUP 1.....\$ 32.74		22.83
GROUP 2.....\$ 32.85		22.83
GROUP 3.....\$ 33.02		22.83
GROUP 4.....\$ 33.29		22.83
GROUP 5.....\$ 33.60		22.83
GROUP 6.....\$ 34.25		22.83
GROUP 7.....\$ 34.57		22.83
GROUP 8.....\$ 34.68		22.83
GROUP 9.....\$ 34.79		22.83
GROUP 9A.....\$ 35.02		22.83
GROUP 10.....\$ 35.08		22.83
GROUP 10A.....\$ 35.23		22.83
GROUP 11.....\$ 35.38		22.83
GROUP 12.....\$ 35.74		22.83
GROUP 12A.....\$ 36.10		22.83

GROUP 13.....	\$ 33.02	22.83
GROUP 13A.....	\$ 33.29	22.83
GROUP 13B.....	\$ 33.60	22.83
GROUP 13C.....	\$ 34.25	22.83
GROUP 13D.....	\$ 34.57	22.83
GROUP 13E.....	\$ 34.68	22.83

#### POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Fork Lift (up to and including 10 tons); Partsman (heavy duty repair shop parts room when needed).

GROUP 2: Conveyor Operator (Handling building material); Hydraulic Monitor; Mixer Box Operator (Concrete Plant).

GROUP 3: Brakeman; Deckhand; Fireman; Oiler; Oiler/Gradechecker; Signalman; Switchman; Highline Cableway Signalman; Bargeman; Bunkerman; Concrete Curing Machine (self-propelled, automatically applied unit on streets, highways, airports and canals); Leveeman; Roller (5 tons and under); Tugger Hoist.

GROUP 4: Boom Truck or dual purpose "A" Frame Truck (5 tons or less); Concrete Placing Boom (Building Construction); Dinky Operator; Elevator Operator; Hoist and/or Winch (one drum); Straddle Truck (Ross Carrier, Hyster and similar).

GROUP 5: Asphalt Plant Fireman; Compressors, Pumps, Generators and Welding Machines ("Bank" of 9 or more, individually or collectively); Concrete Pumps or Pumpcrete Guns; Lubrication and Service Engineer (Grease Rack); Screedman.

GROUP 6: Boom Truck or Dual Purpose "A"Frame Truck (over 5 tons); Combination Loader/Backhoe (up to and including 3/4 cu. yd.); Concrete Batch Plants (wet or dry); Concrete Cutter, Groover and/or Grinder (self-propelled unit on streets, highways, airports, and canals); Conveyor or Concrete Pump (Truck or Equipment Mounted); Drilling Machinery (not to apply to waterliners, wagon drills or jack hammers); Fork Lift (over 10 tons); Loader (up to and including 3 and 1/2 cu. yds); Lull High Lift (under 40 feet); Lubrication and Service Engineer (Mobile); Maginnis Internal Full Slab Vibrator (on airports, highways, canals and warehouses); Man or Material Hoist; Mechanical Concrete Finisher (Large Clary, Johnson Bidwell, Bridge Deck and similar); Mobile Truck Crane Driver; Portable Shotblast Concrete Cleaning Machine; Portable Boring Machine (under streets, highways, etc.); Portable Crusher; Power Jumbo Operator (setting slip forms, etc., in tunnels); Rollers (over 5 tons); Self-propelled Compactor (single engine); Self-propelled Pavement Breaker; Skidsteer Loader with attachments; Slip Form Pumps (Power driven by hydraulic, electric, air, gas, etc., lifting device for concrete forms); Small Rubber Tired Tractors; Trencher (up to and including 6 feet); Underbridge Personnel Aerial Platform (50 feet of platform or less).

GROUP 7: Crusher Plant Engineer, Dozer (D-4, Case 450, John Deere 450, and similar); Dual Drum Mixer, Extend Lift; Hoist and/or Winch (2 drums); Loader (over 3 and 1/2 cu. yds. up to and including 6 yards.); Mechanical Finisher or Spreader Machine (asphalt), (Barber Greene and similar) (Screedman required); Mine or Shaft Hoist; Mobile Concrete Mixer (over 5 tons); Pipe Bending Machine (pipelines only); Pipe Cleaning Machine (tractor propelled and supported); Pipe Wrapping Machine (tractor propelled and supported); Roller Operator (Asphalt); Self-Propelled Elevating Grade Plane; Slusher Operator; Tractor (with boom) (D-6, or similar); Trencher (over 6 feet and less than 200 h.p.); Water Tanker (pulled by Euclids, T-Pulls, DW-10, 20 or 21, or similar); Winchman (Stern Winch on Dredge).

GROUP 8: Asphalt Plant Operator; Barge Mate (Seagoing); Cast-in-Place Pipe Laying Machine; Concrete Batch Plant (multiple units); Conveyor Operator (tunnel); Deckmate; Dozer (D-6 and similar); Finishing Machine Operator (airports and highways); Gradesetter; Kolman Loader (and similar); Mucking Machine (Crawler-type); Mucking Machine (Conveyor-type); No-Joint Pipe Laying Machine; Portable Crushing and Screening Plant; Power Blade Operator (under 12); Saurman Type Dragline (up to and including 5 yds.); Stationary Pipe Wrapping, Cleaning and Bending Machine; Surface Heater and Planer Operator, Tractor (D-6 and similar); Tri-Batch Paver; Tunnel Badger; Tunnel Mole and/or Boring Machine Operator Underbridge Personnel Aerial Platform (over 50 feet of platform).

GROUP 9: Combination Mixer and Compressor (gunite); Do-Mor Loader and Adams Elegrader; Dozer (D-7 or equal); Wheel and/or Ladder Trencher (over 6 feet and 200 to 749 h.p.).

GROUP 9A: Dozer (D-8 and similar); Gradesetter (when required by the Contractor to work from drawings, plans or specifications without the direct supervision of a foreman or superintendent); Push Cat; Scrapers (up to and including 20 cu. yds); Self-propelled Compactor with Dozer; Self-Propelled, Rubber-Tired Earthmoving Equipment (up to and including 20 cu. yds) (621 Band and similar); Sheep's Foot; Tractor (D-8 and similar); Tractors with boom (larger than D-6, and similar).

GROUP 10: Chicago Boom; Cold Planers; Heavy Duty Repairman or Welder; Hoist and/or Winch (3 drums); Hydraulic Skooper (Koehring and similar); Loader (over 6 cu. yds. up to and including 12 cu. yds.); Saurman type Dragline (over 5 cu. yds.); Self-propelled, rubber-tired Earthmoving Equipment (over 20 cu. yds. up to and including 31 cu. yds.) (637D and similar); Soil Stabilizer (P & H or equal); Sub-Grader (Gurries or other automatic type); Tractors (D-9 or equivalent, all attachments); Tractor (Tandem Scraper); Watch Engineer.

GROUP 10A: Boat Operator; Cable-operated Crawler Crane (up to

and including 25 tons); Cable-operated Power Shovel, Clamshell, Dragline and Backhoe (up to and including 1 cu. yd.); Dozer D9-L; Dozer (D-10, HD41 and similar) (all attachments); Gradall (up to and including 1 cu. yd.); Hydraulic Backhoe (over 3/4 cu. yds. up to and including 2 cu. yds.); Mobile Truck Crane Operator (up to and including 25 tons) (Mobile Truck Crane Driver Required); Self-propelled Boom Type Lifting Device (Center Mount) (up to and including 25 tons) (Grove, Drott, P&H, Pettibone and similar; Trencher (over 6 feet and 750 h.p. or more); Watch Engineer (steam or electric).

GROUP 11: Automatic Slip Form Paver (concrete or asphalt); Band Wagon (in conjunction with Wheel Excavator); Cable-operated Crawler Cranes (over 25 tons but less than 50 tons); Cable-operated Power Shovel, Clamshell, Dragline and Backhoe (over 1 cu. yd. up to 7 cu. yds.); Gradall (over 1 cu. yds. up to 7 cu. yds.); DW-10, 20, etc. (Tandem); Earthmoving Machines (multiple propulsion power units and 2 or more Scrapers) (up to and including 35 cu. yds., "struck" m.r.c.); Highline Cableway; Hydraulic Backhoe (over 2 cu. yds. up to and including 4 cu. yds.); Leverman; Lift Slab Machine; Loader (over 12 cu. yds); Master Boat Operator; Mobile Truck Crane Operator (over 25 tons but less than 50 tons); (Mobile Truck Crane Driver required); Pre-stress Wire Wrapping Machine; Self-propelled Boom-type Lifting Device (Center Mount) (over 25 tons m.r.c.); Self-propelled Compactor (with multiple-propulsion power units); Single Engine Rubber Tired Earthmoving Machine (with Tandem Scraper); Tandem Cats; Trencher (pulling attached shield).

GROUP 12: Clamshell or Dipper Operator; Derricks; Drill Rigs; Multi-Propulsion Earthmoving Machines (2 or more Scrapers) (over 35 cu. yds "struck"m.r.c.); Operators (Derricks, Piledrivers and Cranes); Power Shovels and Draglines (7 cu. yds. m.r.c. and over); Self-propelled rubber-tired Earthmoving equipment (over 31 cu. yds.) (657B and similar); Wheel Excavator (up to and including 750 cu. yds. per hour); Wheel Excavator (over 750 cu. yds. per hour).

GROUP 12A: Dozer (D-11 or similar or larger); Hydraulic Excavators (over 4 cu. yds.); Lifting cranes (50 tons and over); Pioneering Dozer/Backhoe (initial clearing and excavation for the purpose of providing access for other equipment where the terrain worked involves 1-to-1 slopes that are 50 feet in height or depth, the scope of this work does not include normal clearing and grubbing on usual hilly terrain nor the excavation work once the access is provided); Power Blade Operator (Cat 12 or equivalent or over); Straddle Lifts (over 50 tons); Tower Crane, Mobile; Traveling Truss Cranes; Universal, Liebherr, Linden, and similar types of Tower Cranes (in the erection, dismantling, and moving of equipment there shall be an additional Operating Engineer or Heavy Duty Repairman); Yo-Yo Cat or Dozer.

GROUP 13: Truck Driver (Utility, Flatbed, etc.)

GROUP 13A: Dump Truck, 8 cu.yds. and under (water level);  
Water Truck (up to and including 2,000 gallons).

GROUP 13B: Water Truck (over 2,000 gallons); Tandem Dump  
Truck, over 8 cu. yds. (water level).

GROUP 13C: Truck Driver (Semi-trailer. Rock Cans, Semi-Dump  
or Roll-Offs).

GROUP 13D: Truck Driver (Slip-In or Pup).

GROUP 13E: End Dumps, Unlicensed (Euclid, Mack, Caterpillar  
or similar); Tractor Trailer (Hauling Equipment); Tandem  
Trucks hooked up to Trailer (Hauling Equipment)

BOOMS AND/OR LEADS (HOURLY PREMIUMS):

The Operator of a crane (under 50 tons) with a boom of 80  
feet or more (including jib), or of a crane (under 50 tons)  
with leads of 100 feet or more, shall receive a per hour  
premium for each hour worked on said crane (under 50 tons)  
in accordance with the following schedule:

Booms of 80 feet up to but not including 130 feet or Leads of 100 feet up to but not including 130 feet	0.50
Booms and/or Leads of 130 feet up to but not including 180 feet	0.75
Booms and/or Leads of 180 feet up to and including 250 feet	1.15
Booms and/or Leads over 250 feet	1.50

The Operator of a crane (50 tons and over) with a boom of 180  
feet or more (including jib) shall receive a per hour  
premium for each hour worked on said crane (50 tons and  
over) in accordance with the following schedule:

Booms of 180 feet up to and including 250 feet	1.25
Booms over 250 feet	1.75

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	Rates	Fringes
Dredging: (Boat Operators)		
Boat Deckhand.....	\$ 33.02	22.83
Boat Operator.....	\$ 35.23	22.83
Master Boat Operator.....	\$ 35.38	22.83
Dredging: (Clamshell or Dipper Dredging)		
GROUP 1.....	\$ 35.74	22.83
GROUP 2.....	\$ 35.08	22.83
GROUP 3.....	\$ 34.68	22.83
GROUP 4.....	\$ 33.02	22.83
Dredging: (Derricks)		
GROUP 1.....	\$ 35.74	22.83
GROUP 2.....	\$ 35.08	22.83
GROUP 3.....	\$ 34.68	22.83
GROUP 4.....	\$ 33.02	22.83
Dredging: (Hydraulic Suction Dredges)		
GROUP 1.....	\$ 35.38	22.83
GROUP 2.....	\$ 35.23	22.83
GROUP 3.....	\$ 35.08	22.83
GROUP 4.....	\$ 35.02	22.83
GROUP 5.....	\$ 34.68	22.83
GROUP 6.....	\$ 34.57	22.83
GROUP 7.....	\$ 33.02	22.83

#### CLAMSHELL OR DIPPER DREDGING CLASSIFICATIONS

- GROUP 1: Clamshell or Dipper Operator.
- GROUP 2: Mechanic or Welder; Watch Engineer.
- GROUP 3: Barge Mate; Deckmate.
- GROUP 4: Bargeman; Deckhand; Fireman; Oiler.

#### HYDRAULIC SUCTION DREDGING CLASSIFICATIONS

- GROUP 1: Leverman.
- GROUP 2: Watch Engineer (steam or electric).
- GROUP 3: Mechanic or Welder.
- GROUP 4: Dozer Operator.
- GROUP 5: Deckmate.
- GROUP 6: Winchman (Stern Winch on Dredge)
- GROUP 7: Deckhand (can operate anchor scow under direction of Deckmate); Fireman; Leveeman; Oiler.

#### DERRICK CLASSIFICATIONS

- GROUP 1: Operators (Derricks, Piledrivers and Cranes).
- GROUP 2: Saurman Type Dragline (over 5 cubic yards).
- GROUP 3: Deckmate; Saurman Type Dragline (up to and including 5 yards).
- GROUP 4: Deckhand, Fireman, Oiler.

ENGI0003-044 08/31/2009

	Rates	Fringes
Power Equipment Operators		
(PAVING)		
Asphalt Concrete Material		
Transfer.....	\$ 34.87	23.18
Asphalt Plant Operator.....	\$ 35.30	23.18
Asphalt Raker.....	\$ 33.91	23.18
Asphalt Spreader Operator...	\$ 35.39	23.18
Cold Planer.....	\$ 34.70	23.18
Combination Loader/Backhoe		
(over 3/4 cu.yd.).....	\$ 33.91	23.18
Combination Loader/Backhoe		
(up to 3/4 cu.yd.).....	\$ 32.93	23.18
Concrete Saws and/or		
Grinder (self-propelled		
unit on streets, highways,		
airports and canals).....	\$ 34.87	23.18
Grader.....	\$ 35.70	23.18
Laborer, Hand Roller.....	\$ 33.41	23.18
Loader (2 1/2 cu. yds. and		
under).....	\$ 34.87	23.18
Loader (over 2 1/2 cu.		
yds. to and including 5		
cu. yds.).....	\$ 35.19	23.18
Roller Operator (five tons		
and under).....	\$ 33.64	23.18
Roller Operator (over five		
tons).....	\$ 35.07	23.18
Screed Person.....	\$ 34.87	23.18
Soil Stabilizer.....	\$ 34.70	23.18

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IRON0625-001 09/01/2009

	Rates	Fringes
Ironworkers:.....	\$ 32.50	26.01
a. Employees will be paid \$.50 per hour more while working in tunnels and coffer dams; \$1.00 per hour more when required to work under or are covered with water (submerged) and when they are required to work on the summit of Mauna Kea, Mauna Loa or Haleakala.		

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	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 28.30	15.15
GROUP 2.....	\$ 25.70	15.15
GROUP 3.....	\$ 29.30	15.15
GROUP 4.....	\$ 28.80	15.15
GROUP 5.....	\$ 27.80	15.15
GROUP 6.....	\$ 19.70	10.90

## LABORERS CLASSIFICATIONS

GROUP 1: Asbestos Removal Worker (EPA certified workers); Asphalt Laborer, Ironer, Raker, Luteman, and Handroller, and all types of Asphalt Spreader Boxes; Asphalt Shoveler; Assembly and Installation of Multiplates, Liner Plates, Rings, Mesh, Mats; Batching Plant (portable and temporary); Boring Machine Operator (under streets and sidewalks); Buggymobile; Burning, Welding, Signalling, Choke Setting, and Rigging in connection with Laborers' work (except demolition); Chainsaw, Faller, Logloader, and Bucker; Compactors (Jackson Jumping Jack and similar); Concrete Bucket Dumpman; Concrete Chipping; Concrete Chuteman/Hoseman (pouring concrete) (the handling of the chute from ready-mix trucks for such jobs as walls, slabs, decks, floors, foundations, footings, curbs, gutters, and sidewalks); Concrete Core Cutter (Walls, Floors, and Ceiling); Concrete Grinding or Sanding; Concrete: Hooking on, signaling, dumping of concrete for treme work over water on caissons, pilings, abutments, etc.; Concrete: Mixing, handling, conveying, pouring, vibrating, otherwise placing of concrete or aggregates or by any other process; Concrete: Operation of motorized wheelbarrows or buggies or machines of similar character, whether run by gas, diesel, or electric power; Concrete Placement Machine Operator: operation of Somero Hammerhead, Copperheads, or similar machines; Concrete Pump Machine (laying, coupling, uncoupling of all connections and cleaning of equipment); Concrete and/or Asphalt Saw (Walking or Handtype) (cutting walls or flatwork) (scoring old or new concrete and/or asphalt) (cutting for expansion joints) (streets and ways for laying of pipe, cable or conduit for all purposes); Concrete Shovelers/Laborers (Wet or Dry); Concrete Screeding for Rough Strike-Off: Rodding or striking-off, by hand or mechanical means prior to finishing; Concrete Vibrator Operator; Coring Holes: Walls, footings, piers or other obstructions for passage of pipes or conduits for any purpose and the pouring of concrete to secure the hole; Curbing (Concrete and Asphalt); Curing of Concrete (impervious membrane and form oiler) mortar and other materials by any mode or method; Cut Granite Curb Setter (setting, leveling and grouting of all precast concrete or stone curbs); Cutting and Burning Torch (demolition); Dri Pak-It Machine; Falling, bucking, yarding, loading or burning of all trees or timber on construction site; Fence

and/or Guardrail Erector; Forklift (9 ft. and under); Grating and Grill work for drains or other purposes; Green Cutter of concrete or aggregate in any form, by hand, mechanical means, grindstone or air and/or water; Grout: Spreading for any purpose; Guinea Chaser (Grade Checker) for general utility trenches, sitework, and excavation; Headerboard Man (Asphalt or Concrete); Heat Welder of Plastic (Laborers' AGC certified workers) (when work involves waterproofing for waterponds, artificial lakes and reservoir, or heat welding for sewer pipes); Heavy Highway Laborer (Rigging, signaling, handling, and installation of pre-cast catch basins, manholes, curbs and gutters); High Pressure Nozzlemans - Hydraulic Monitor (over 100# pressure); Installation of lightweight backfill; Jackhammer Operator; Jacking of slip forms: All semi and unskilled work connected therewithin; Laying of all multi-cell conduit or multi-purpose pipe; Lead base paint abatement laborers (EPA certified workers); Magnesite and Mastic Workers (Wet or Dry) (including mixer operator); Mason Tender, Mortar Man; Mortar Mixer (Block, Brick, Masonry, and Plastering); Nozzlemans (Sandblasting and/or Water Blasting): handling, placing and operation of nozzle; Operation, Manual or Hydraulic jacking of shields and the use of such other mechanical equipment as may be necessary; Pavement Breakers; Paving, curbing and surfacing of streets, ways, courts, under and overpasses, bridges, approaches, slope walls, and all other labor connected therewith; Pilecutters; Pipe Accessment in place, bolting and lining up of sectional metal or other pipe including corrugated pipe; Pipelayer performing all services in the laying and installation of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all forms of tubular material, whether pipe, metallic or non-metallic, conduit, and any other stationary-type of tubular device used for conveying of any substance or element, whether water, sewage, solid, gas, air, or other product whatsoever and without regard to the nature of material from which tubular material is fabricated; No-joint pipe and stripping of same, Pipewrapper, Caulker, Bander, Kettlemen, and men applying asphalt, Laykold, treating Creosote and similar-type materials (6-inch) pipe and over); Piping: resurfacing and paving of all ditches in preparation for laying of all pipes; Pipe laying of lateral sewer pipe from main or side sewer to buildings or structure (except Contactor may direct work be done under proper supervision); Pipe laying, leveling and marking of the joint used for main or side sewers and storm sewers; Laying of all clay, terra cotta, ironstone, vitrified concrete or other pipe for drainage; Placing and setting of water mains, gas mains and all pipe including removal of skids; Plaster Mortar Mixer/Pump; Pneumatic Impact Wrench; Portable Sawmill Operation: Choker setters, off bearers, and lumber handlers connected with clearing; Posthole Digger (Hand Held, Gas, Air and Electric); Power Broom Sweepers (Small); Preparation and Compaction of roadbeds for railroad track laying, highway construction, and the preparation of trenches, footings,

etc., for cross-country transmission by pipelines, electrical transmission or underground lines or cables (by mechanical means); Raising of structure by manual or hydraulic jacks or other methods and resetting of structure in new locations, including all concrete work; Ramming or compaction; Riprap, Stonepaver, and Rock Slinger (includes placement of stacked concrete, wet or dry and loading, unloading, signaling, slinging and setting of other similar materials); Rotary Scarifier (including multiple head concrete chipping Scarifier); Salamander Heater, Drying of plaster, concrete mortar or other aggregate; Scaffold Erector Leadman; Scaffolds: (Swing and hanging) including maintenance thereof; Scaler; Septic Tank/Cesspool and Drain Fields Digger and Installer; Shredder/Chipper (tree branches, brush, etc.); Stripping and Setting Forms; Stripping of Forms: Other than panel forms which are to be re-used in their original form, and stripping of forms on all flat arch work; Tampers (Barko, Wacker, and similar type); Tank Scaler and Cleaners; Tarman; Tree Climbers and Trimmers; Trencher (includes hand-held, Davis T-66 and similar type); Trucks (flatbed up to and including 2 1/2 tons when used in connection with on-site Laborers' work; Trucks (Refuse and Garbage Disposal) (from job site to dump); Vibra-Screed (Bull Float in connection with Laborers' work); Well Points, Installation of or any other dewatering system.

GROUP 2: Air Blasting; Appliance Handling (job site) (after delivery and unloading in storage area); Asphalt Plant Laborer; Backfilling, Grading and all other labor connected therewith; Boring Machine; Bridge Laborer; Burning of all debris (crates, boxes, packaging waste materials); Chainman, Rodmen, and Grade Markers; Cleaning and Clearing of all debris; Cleaning, clearing, grading and/or removal for streets, highways, roadways, aprons, runways, sidewalks, parking areas, airports, approaches, and other similar installations; Cleaning or reconditioning of streets, ways, sewers and waterlines, all maintenance work and work of an unskilled and semi-skilled nature; Cleanup of Grounds and Buildings (other than "Light Clean-Up") (Janitorial Laborer); Clean-up of right-of-way; Clearing and slashing of brush or trees by hand or mechanical cutting; Concrete Bucket Tender (Groundman) hooking and unhooking of bucket; Concrete Forms; moving, cleaning, oiling and carrying to the next point of erection of all forms; Concrete Products Plant Laborers; Conveyor Tender (conveying of building materials); Cribbers, Shorer, Lagging, Sheeting, and Trench Jacking and Bracing, Hand-Guided Lagging Hammer Whaling Bracing; Crushed Stone Yards and Gravel and Sand Pit Laborers and all other similar plants; Demolition, Wrecking and Salvage Laborers: Wrecking and dismantling of buildings and all structures, with use of cutting or wrecking tools, burning or cutting, breaking away, cleaning and removal of all masonry, wood or metal fixtures for salvage or scrap, All hooking, unhooking, signaling of materials for salvage or scrap removed by crane or derrick; Digging under streets,

roadways, aprons or other paved surfaces; Chuck Tender, Outside Nipper; Dry-packing of concrete (plugging and filling of she-bolt holes); Excavation, Preparation of street ways and bridges; Fence and/or Guardrail Erector: Dismantling and/or re-installation of all fence; Finegrader; Firewatcher; Flagman (Coning, preparing, establishing and removing portable roadway barricade devices); Signal Men on all construction work defined herein, including Traffic Control Signal Men at construction site; Garbage and Debris Handlers and Cleaners; Gas, Pneumatic, and Electric Tools, not listed Group 1 (except Rototiller); General Clean-up: sweeping, cleaning, washdown, wiping of construction facility, and equipment (other than "Light Clean-up" [Janitorial] Laborer); General Excavation and Grading (all labor connected therewith); Digging of trenches, ditches and manholes and the leveling, grading and other preparation prior to laying pipe or conduit for any purpose; Excavations and foundations for buildings, piers, foundations and holes, and all other construction; General Laborer; Ground and Soil Treatment Work (Pest Control); Junk Yard Laborers (same as Salvage Yard); Landscape Nursery Laborers; Laser Beam "Target Man" in connection with Laborers' work; Layout Person for Plastic (when work involves waterproofing for waterponds, artificial lakes and reservoirs); Limbers, Brush Loaders, and Pilers; Loading, Unloading, carrying, distributing and handling of all rods and material for use in reinforcing concrete construction (except when a derrick or outrigger operated by other than hand power is used); Loading, unloading, sorting, stockpiling, handling and distribution of water mains, gas mains and all pipes; Loading and unloading of all materials, fixtures, furnishings and appliances from point of delivery to stockpile to point of installation; hooking and signalling from truck, conveyance or stockpile; Material Yard Laborers; Pipelayer Tender; Pipewrapper, Caulker, Bander, Kettlemen, and men applying asphalt, Laykold, Creosote, and similar-type materials (pipe under 6 inches); Plasterer Laborer (including Hod Carrier); Preparation, construction and maintenance of roadbeds and sub-grade for all paving, including excavation, dumping, and spreading of sub-grade material; Prestressed or precast concrete slabs, walls, or sections: all loading, unloading, stockpiling, hooking on of such slabs, walls or sections; Quarry Laborers; Railroad, Streetcar, and Rail Transit Maintenance and Repair; Removal of surplus material; Roustabout; Rubbish Trucks in connection with Building Construction Projects (excluding clearing, grubbing, and excavating); Salvage Yard: All work connected with cutting, cleaning, storing, stockpiling or handling of materials, all cleanup, removal of debris, burning, back-filling and landscaping of the site; Sandblasting (Pot Tender): Hoses and pots or markers; Scaffolds: Erection, planking and removal of all scaffolds used for support for lathers, plasters, brick layers, masons, and other construction trades crafts; Scaffolds: (Specially designed by carpenters) laborers shall tend said carpenter on erection

and dismantling thereof, preparation for foundation or mudsills, maintenance; Scraping of floors; Screeds: Handling of all screeds to be reused; handling, dismantling and conveyance of screeds; Setting, leveling and securing or bracing of metal or other road forms and expansion joints; Sheet piling/trench shoring (handling and placing of skip sheet or wood plank trench shoring); Ship Scalers; Sign Erector (subdivision traffic, regulatory, and street-name signs); Sloper; Slurry Seal Crews (Mixer Operator, Applicator, Squeegee Man, Shuttle Man, Top Man); Snapping of wall ties and removal of tie rods; Soil Test operations of semi and unskilled labor such as filling sand bags; Stripper (Asphalt, Concrete or other Paved Surfaces); Tagging and Signaling of all building materials into high-rise units; Tool Room Attendant (Job Site); Traffic Delineating Device Applicator; Underpinning, lagging, bracing, propping and shoring, loading, signaling, right-of-way clearance along the route of movement, The clearance of new site, excavation of foundation when moving a house or structure from old site to new site; Utilities employees; Water Man; Waterscape/Hardscape Laborers; Wire Mesh Pulling (all concrete pouring operations); Wrecking, stripping, dismantling and handling concrete forms and false work.

GROUP 3: Licensed Powdermen; Driller (Track, Diamond Core, and Wagon) (Ingersoll-Rand ECM-350/ECM-635/ECM-635/ECM660, Sandvik Pantera HL 1500, Atlas-Copco ROC 7F); Driller (Joydrill Model TWM-2A, Gardner Denver Dri-143 and similar type drills) (in accordance with the Memorandum of Understanding between the Laborers and Operating Engineers dated at Miami, Florida, February 3, 1954); Driller (Mechanical) (Not covered elsewhere) (including multiple unit) (Ingersoll-Rand DM45E/DM50E/LM-100/LM-600C, Gardner-Denver SCH2500/SCH3500 BV, Furukawa HCR-C300, Tamrock Drilltech CHA 800/DHH 850/Tamrock Commando) (similar and Replacement equipment thereof); Drilling for blasting; Operation of all rock and concrete drills and Jack Hammers, including handling, carrying, laying out of hose. (Ingersoll-Rand DM45E/DM50E/LM-100/LM-600C. Gardner-Denver SCH2500/SCH3500 BV Furukawa HCR-C300, Tamrock Drilltech CHA 800/DHH 850/Tamrock Commando, Pantera 900, 1100 and 1500, Ranger 700, Super Tiger 700), (similar and replacement equipment thereof); Drilling (Mechanical) on the site or along the right-of-way as well as access roads, reservoirs, including areas adjacent or pertinent to construction sites.

GROUP 4: Gunnite Operator; High Scaler (working suspended), Pipelaying.

GROUP 5: Window Washer (Outside) (Working from bosun's chair and/or cable-suspended scaffold or work platform).

GROUP 6: Light/Final Clean-Up.

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	Rates	Fringes
Landscape & Irrigation		
Laborers		
GROUP 1.....	\$ 20.96	8.37
GROUP 2.....	\$ 21.46	8.37
GROUP 3.....	\$ 17.46	8.37

## LABORERS CLASSIFICATIONS

GROUP 1: Installation of non-potable permanent or temporary irrigation water systems performed for the purposes of Landscaping and Irrigation architectural horticultural work; the installation of drinking fountains and permanent or temporary irrigation systems using potable water for Landscaping and Irrigation architectural horticultural purposes only. This work includes (a) the installation of all heads, risers, valves, valve boxes, vacuum breakers (pressure and non-pressure), low voltage electrical lines and, provided such work involves electrical wiring that will carry 24 volts or less, the installation of sensors, master control panels, display boards, junction boxes, conductors, including all other components for controllers, (b) and metallic (copper, brass, galvanized, or similar) pipe, as well as PVC or other plastic pipe including all work incidental thereto, i.e., unloading, handling and distribution of all pipes fittings, tools, materials and equipment, (c) all soldering work in connection with the above whether done by torch, soldering iron, or other means; (d) tie-in to main lines, thrust blocks (both precast and poured in place), pipe hangers and supports incidental to installation of the entire irrigation system, (e) making of pressure tests, start-up testing, flushing, purging, water balancing, placing into operation all irrigation equipment, fixtures and appurtenances installed under this agreement, and (f) the fabrication, replacement, repair and servicing of landscaping and irrigation systems. Operation of hand-held gas, air, electric, or self-powered tools and equipment used in the performance of Landscape and Irrigation work in connection with architectural horticulture; Choke-setting, signaling, and rigging for equipment operators on job-site in the performance of such Landscaping and Irrigation work; Concrete work (wet or dry) performed in connection with such Landscaping and Irrigation work. This work shall also include the setting of rock, stone, or riprap in connection with such Landscape, Waterscape, Rockscape, and Irrigation work; Grubbing, pick and shovel excavation, and hand rolling or tamping in connection with the performance of such Landscaping and Irrigation work; Sprigging, handseeding, and planting of trees, shrubs, ground covers, and other plantings and the performance of all types of gardening and horticultural work relating to said planting; Operation of flat bed trucks (up to and including 2 1/2 tons)..:

GROUP 2. Layout of irrigation and other non-potable irrigation water systems and the layout of drinking fountains and other potable irrigation water systems in connection with such Landscaping and Irrigation work. This includes the layout of all heads, risers, valves, valve boxes, vacuum breakers, low voltage electrical lines, hydraulic and electrical controllers, and metallic (coppers, brass, galvanized, or similar) pipe, as well as PVC or other plastic pipe. This work also includes the reading and interpretation of plans and specifications in connection with the layout of Landscaping, Rockscape, Waterscape, and Irrigation work; Operation of Hydro-Mulching machines (sprayman and driver), Drillers, Trenchers (riding type, Davis T-66, and similar) and fork lifts used in connection with the performance of such Landscaping and Irrigation work; Tree climbers and chain saw tree trimmers, Sporadic operation (when used in connection with Landscaping, Rockscape, Waterscape, and Irrigation work) of Skid-Steer Loaders (Bobcat and similar), Cranes (Bantam, Grove, and similar), Hoptos, Backhoes, Loaders, Rollers, and Dozers (Case, John Deere, and similar), Water Trucks, Trucks requiring a State of Hawaii Public Utilities Commission Type 5 and/or type 7 license, sit-down type and "gang" mowers, and other self-propelled, sit-down operated machines not listed under Landscape & Irrigation Maintenance Laborer; Chemical spraying using self-propelled power spraying equipment (200 gallon capacity or more).

GROUP 3: Maintenance of trees, shrubs, ground covers, lawns and other planted areas, including the replanting of trees, shrubs, ground covers, and other plantings that did not "take" or which are damaged; provided, however, that re-planting that requires the use of equipment, machinery, or power tools shall be paid for at the rate of pay specified under Landscape and Irrigation Laborer, Group 1; Raking, mowing, trimming, and runing, including the use of "weed eaters", hedge trimmers, vacuums, blowers, and other hand-held gas, air, electric, or self-powered tools, and the operation of lawn mowers (Note: The operation of sit-down type and "gang" mowers shall be paid for at the rate of pay specified under Landscape & Irrigation Laborer, Group 2); Guywiring, staking, propping, and supporting trees; Fertilizing, Chemical spraying using spray equipment with less than 200 gallon capacity, Maintaining irrigation and sprinkler systems, including the staking, clamping, and adjustment of risers, and the adjustment and/or replacement of sprinkler heads, (Note: the cleaning and gluing of pipe and fittings shall be paid for at the rate of pay specified under Landscape & Irrigation Laborer(Group 1); Watering by hand or sprinkler system and the peformance of other types of gardening, yardman, and horticultural-related work.

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	Rates	Fringes
Underground Laborer		
GROUP 1.....	\$ 28.90	15.15
GROUP 2.....	\$ 30.40	15.15
GROUP 3.....	\$ 30.90	15.15
GROUP 4.....	\$ 31.90	15.15
GROUP 5.....	\$ 32.25	15.15
GROUP 6.....	\$ 32.50	15.15
GROUP 7.....	\$ 32.95	15.15

GROUP 1: Watchmen; Change House Attendant.

GROUP 2: Swamper; Brakeman; Bull Gang-Muckers, Trackmen; Dumpmen (any method); Concrete Crew (includes rodding and spreading); Grout Crew; Reboundmen

GROUP 3: Chucktenders and Cabletenders; Powderman (Prime House); Vibratorman, Pavement Breakers

GROUP 4: Miners - Tunnel (including top and bottom man on shaft and raise work); Timberman, Retimberman (wood or steel or substitute materials thereof); Blasters, Drillers, Powderman (in heading); Microtunnel Laborer; Headman; Cherry Pickerman (where car is lifted); Nipper; Grout Gunmen; Grout Pumpman & Potman; Gunite, Shotcrete Gunmen & Potmen; Concrete Finisher (in tunnel); Concrete Screed Man; Bit Grinder; Steel Form Raisers & Setters; High Pressure Nozzleman; Nozzleman (on slick line); Sandblaster-Potman (combination work assignment interchangeable); Tugger

GROUP 5: Shaft Work & Raise (below actual or excavated ground level); Diamond Driller; Gunite or Shotcrete Nozzleman; Rodman; Groundman

GROUP 6: Shifter

GROUP 7: Shifter (Shaft Work & Raiser)

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PAIN1791-001 07/01/2009

	Rates	Fringes
Painters:		
Brush.....	\$ 31.80	22.75
Sandblaster; Spray.....	\$ 31.80	22.75

PAIN1889-001 07/01/2009

	Rates	Fringes
Glaziers.....	\$ 30.05	23.12

PAIN1926-001 03/01/2009

	Rates	Fringes
Soft Floor Layers.....	\$ 26.85	20.00

\* PAIN1944-001 01/01/2010

	Rates	Fringes
Taper.....	\$ 39.00	16.40

PLAS0630-001 08/31/2009

	Rates	Fringes
PLASTERER.....	\$ 36.99	16.77

PLAS0630-002 08/31/2009

	Rates	Fringes
Cement Masons:		
Cement Masons.....	\$ 36.15	16.77
Trowel Machine Operators....	\$ 36.30	16.77

PLUM0675-001 07/05/2009

	Rates	Fringes
Plumber, Pipefitter, Steamfitter & Sprinkler Fitter...	\$ 35.10	21.18

ROOF0221-001 09/27/2009

	Rates	Fringes
Roofers (Including Built Up, Composition and Single Ply).....	\$ 33.60	15.08

	Rates	Fringes
Sheet metal worker.....	\$ 32.45	24.11

SUHI1997-002 09/15/1997

	Rates	Fringes
Drapery Installer.....	\$ 13.60	1.20
FENCE ERECTOR (Chain Link Fence).....	\$ 9.33	1.65

RIGGERS; WELDERS - Receive rate prescribed for craft performing operation to which rigging or welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

#### WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

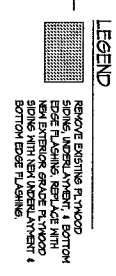
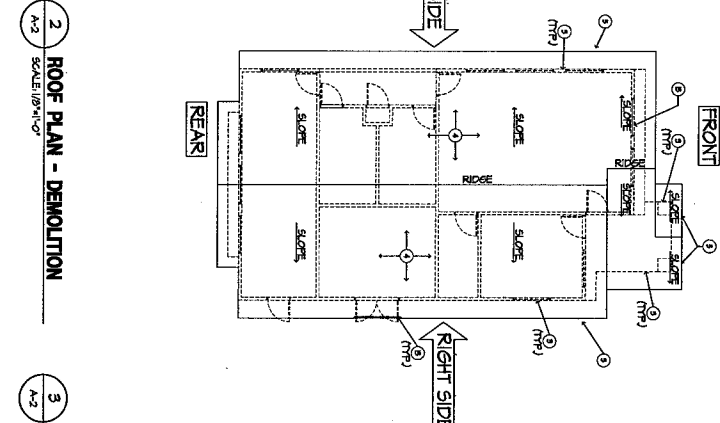
Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION



[illegible]

APP. 2 APPROVED FOR THE DIRECTOR		DATE 12/24/00	
REVISION FILE		DEPOSITION	
THE STATE OF TEXAS COUNTY OF DALLAS I, _____, County Clerk of said County, do hereby certify that the foregoing is a true and correct copy of the original as the same appears from the records of said County.			
COMMUNITY CENTER RENOVATION PLANS AND KEY NOTES			
FOR THE DESIGN FOR THE PHYSICAL IMPROVEMENTS TO MACKINOL HALL (A-11)			
PREPARED BY: <b>STANLEY A. HARRIS, ARCHT.</b> 1000 N. GILBERT ST., SUITE 100 DALLAS, TEXAS 75207			
DATE OF PREPARED BY DEC. 2000		APPROVED BY  _____ DATE	
DRAWN BY DATE		CHECKED BY DATE	
DESIGNED BY DATE		REVISION NO. 25	

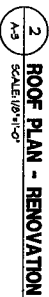
- 1 REMOVE NEW DOUBLE DOOR  
HANGING FROM A-20 FOR DOOR  
SCHEDULE
- 2 NEW INTERIOR LIGHT FIXTURE, SEE  
ELECTRICAL DRAWINGS.
- 3 NEW PLASTIC FIVE VINYS  
THROUGH OUT BUILDING.
- 4 NEW ASPHALT SHINGLES +  
UNDERLAYMENT THROUGHOUT  
ROOF. ADD 2" INSULATION TO  
REMAINING ROOF. REPAIR TO  
REMAINING ROOF.
- 5 NEW SHEET METAL DIRT EDGE.  
SEE DET. 11A-21.
- 6 NEW DOOR LOWER EXISTING  
DOOR TO REPAIR.
- 7 NEW FIBER CEMENT SIDING OVER  
EXISTING. SECURE SIDING W/  
STAINLESS STEEL STRIPS  
FASTENERS.
- 8 NEW NEW CORNER TRIMS  
DET. 6A-21 BUILDING. SEE  
DET. 6A-21.
- 9 PROVIDE NEW WINDOW AND DOOR  
TRIMS THROUGH OUT BUILDING.
- 10 NEW ELECTRICAL LIGHT  
FIXTURES. SEE ELECTRICAL  
DRAWINGS.
- 11 NEW KITCHEN CABINETS.  
SEE DET. 11A-21.
- 12 NEW SIGNAGE. SEE SIGN SCHEDULE A-20.  
DOORS.
- 13 REPAIR NEW EXISTING PLACIDA  
DOORS. SEE DET. 11A-21.
- 14 NEW TRIMED GRANT.  
SEE DET. 11A-21.
- 15 NEW PVC BATTER + VINYL  
CONCRETE. SEE DET. 11A-21.
- 16 NEW CONCRETE SPRAWL BLOCK  
PROVIDE ALL NEW WINDOWS  
THROUGH OUT. SEE DET.  
21A-20 OR 10A-20 INTERIE
- 17 REINFORCING EXISTING FIBER  
CEMENT. SEE DET. 11A-21.  
PAINTED TO MATCH EXISTING  
FRAME COLOR.

LEFT

EXISTING  
PLAN

REINFORCING EXISTING FIBER CEMENT. SEE DET. 11A-21. PAINTED TO MATCH EXISTING FRAME COLOR.

1



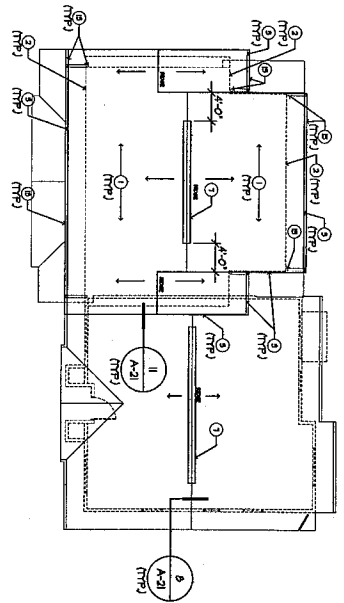
1. SEE DET. 1/A-20 FOR NEW TRIM CONDITIONS AT EXISTING DOORS.
2. SEE DOOR SCHEDULE FOR ALL NEW DOORS.
3. SEE DET. 10/A-21 FOR VENT TO ROOF WHERE OCCURS.
4. CONTRACTOR TO VERIFY ALL DIMENSIONS.

HPHA JOB No. 07-063-182-S/F DESIGN FOR THE PHYSICAL IMPROVEMENTS TO MAKANI KAI MALE I & II  
Design Phase 100%

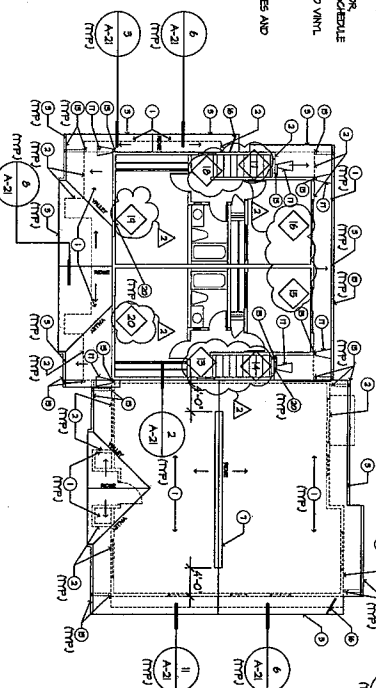
# BUILDING NO. 8

- ## RENOVATION KEY NOTES
1. NEW ASPHALT SHINGLES & UNDERLAYMENT OVER EXISTING ROOF ASSEMBLY THROUGHOUT.
  2. NEW PLASTIC EXIST VENTS THROUGHOUT. BUILDING SEE DET. 1/A-21.
  3. NEW SHEET METAL DRAIN EDGE. SEE DET. 1/A-21.
  4. NEW FIBER GLASS ROOF DRAIN OVER EXISTING DRAIN. SEE DET. 1/A-21.
  5. PROVIDE NEW CORNER TRIMS. THROUGHOUT BUILDING. SEE DET. 6/A-21.
  6. PROVIDE NEW WINDOW & DOOR TRIMS. THROUGHOUT BUILDING. SEE DET. 6/A-21.
  7. NEW ROPE VENT PROVIDE CONTINUOUS 1" SHEATHING. SEE DET. 1/A-21.
  8. NEW PVC SLIDING DOOR. SEE DOOR SCHEDULE A-20.
  9. REPAIR EXISTING DOORS. THROUGHOUT.
  10. EXISTING HEATER CLOSET DOOR TO REPAIR. REPAIR EXISTING INSIDE REPAIR. LOCK CLOSET.
  11. PROVIDE NEW HEATER CLOSET DOOR. HINGES AND LOCKSET. SEE DOOR SCHEDULE A-20.
  12. PROVIDE NEW PVC DOWNSPUT AND VENT. SEE DET. 1/A-21.
  13. PROVIDE NEW SHOWER. SEE SHOWER SCHEDULE A-20.
  14. EXISTING ELECTRICAL PANELS BOARDS AND CONDUITS SEE ELECTRICAL PLAN.
  15. NEW DRYER.
  16. NEW SHEET METAL 50" X 40" PAN. SEE DET. 1/A-21.
  17. NEW CONCRETE SPUR. SEE DET. 1/A-21.
  18. NEW CONCRETE SPUR. SEE DET. 1/A-21.
  19. PROVIDE ALL NEW HINGES THROUGH OUT. SEE DET. 2/A-20 OR 2/A-21 WHERE APPLICABLE.

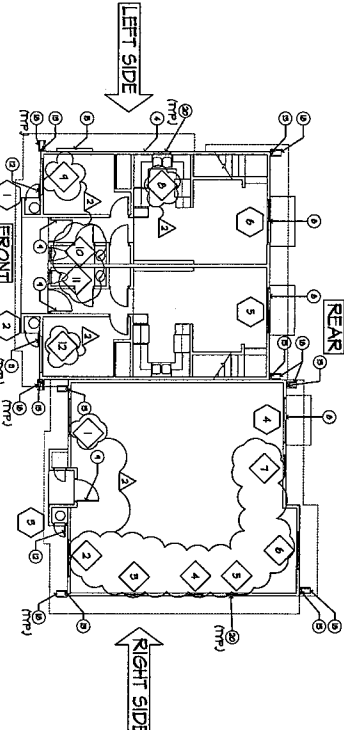
SECOND LEVEL ROOF PLAN



SECOND LEVEL FLOOR LOWER ROOF PLAN

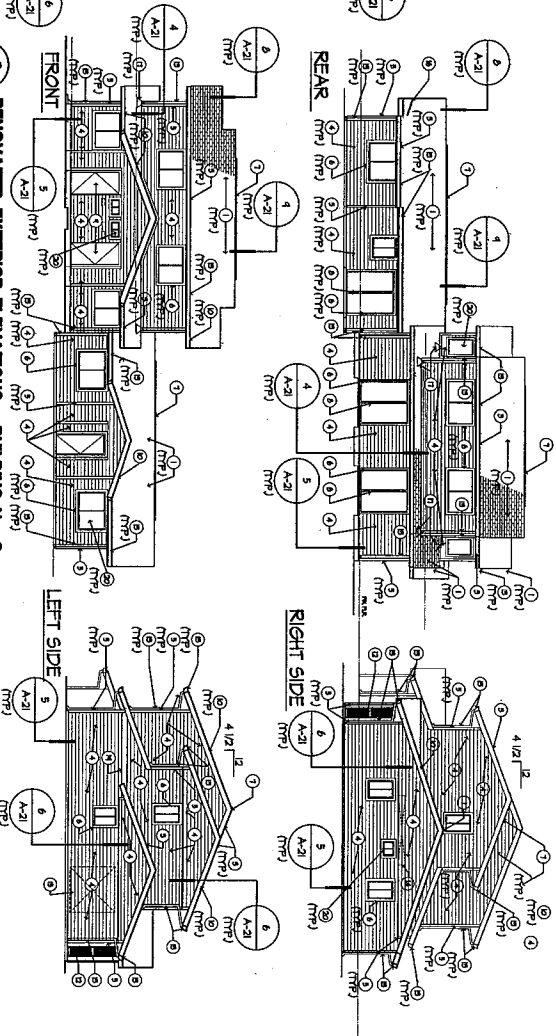


GROUND LEVEL FLOOR PLAN



RENOVATION PLANS - BUILDING NO. 8

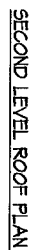
RENOVATED EXTERIOR ELEVATIONS - BUILDING NO. 8



- ## GENERAL NOTES
1. SEE DET. 1/A-20 FOR NEW TRIM CONDITIONS AT EXISTING DOORS.
  2. SEE DOOR SCHEDULE FOR ALL NEW DOORS.
  3. SEE DET. 1/A-21 FOR VENT TO ROOF.
  4. CONTRACTOR TO VERIFY ALL DIMENSIONS.
  5. SEE RENOVATION PLAN FOR BUILDING DIMENSIONS.

<b>APPROVED</b> 		<b>DESIGN FOR THE</b> <b>PHYSICAL IMPROVEMENTS TO</b> <b>MAKANI KAI HALE I &amp; II</b> STATE OF HAWAII	
PROJECT NO. 07-063-150-SF DESIGNER: GUY ARCHITECTS, INC. DATE: 07-03-10-3/7 SCALE: AS NOTED		PROJECT NO. 07-063-150-SF DATE: DEC 2009 SCALE: AS NOTED	
APPROVED BY: DATE: 07-03-10-3/7 SCALE: AS NOTED		APPROVED BY: DATE: DEC 2009 SCALE: AS NOTED	

- 1) NEW ASPHALT SHINGLES & UNDERLAYMENT THROUGHOUT EXISTING ROOF ASSEMBLY.
- 2) EXISTING ROOF ASSEMBLY THROUGHOUT.
- 3) NEW PLASTIC DRAIN VENTS THROUGHOUT BUILDING, SEE DET. 10-A-21.
- 4) NEW SHEET METAL, DRAIN EDGE.
- 5) NEW METAL GUTTER DRAIN, 6" OR 8" DOWNSPUT.
- 6) EXISTING AND NEW PLUMBING OVER SHEATHING.
- 7) REMOVE NEW CORNER TRIMS, THROUGHOUT BUILDING, SEE DET. 10-A-21.
- 8) REMOVE NEW MOLDING & DOOR TRIMS THROUGHOUT BUILDING.
- 9) NEW CORRUGATED ALUMINUM CONTINUOUS " K" ROOFING, NEW FLASHING, NEW SHEATHING, SEE DET. 10-A-21.
- 10) NEW PVC SLUING DOOR, SEE DOOR SCHEDULE A-20.
- 11) REPAIR DOORS.
- 12) REPAIR EXISTING PLACIDA.
- 13) EXISTING HEATING CLOSET DOOR TO REMAIN, REPLACE EXISTING HINGES, REPLACE CORRODING DOOR LATCHES WITH ONLY LOCK CYLINDER.
- 14) REMOVE NEW HEATER CLOSET DOOR, A-20.
- 15) REMOVE NEW DOOR AND LOCKSET, SEE DOOR SCHEDULE A-20.
- 16) REMOVE NEW PVC CONVERTER AND VINYL BOTTLE, SEE DET. 10-A-21.
- 17) REMOVE EXISTING AND NEW SCHED. 40 CONDUIT, SEE ELECTRICAL PLAN.
- 18) NEW DUCTWEIR.
- 19) NEW SHEET METAL, 36" SLASH PAN, SEE DET. 10-A-21.
- 20) NEW CONCRETE SPRAY ON BLOCK, SEE DET. 10-A-21.
- 21) NEW SHEET METAL, 36" SLASH PAN, SEE DET. 10-A-21.
- 22) REMOVE NEW WINDOW THROUGH OUT, SEE DET. 10-A-20 OR 10-A-22.
- 23) NEW AIR VENT, 6" DIA.

**RENOVATION PLANS - BUILDING No. 10**

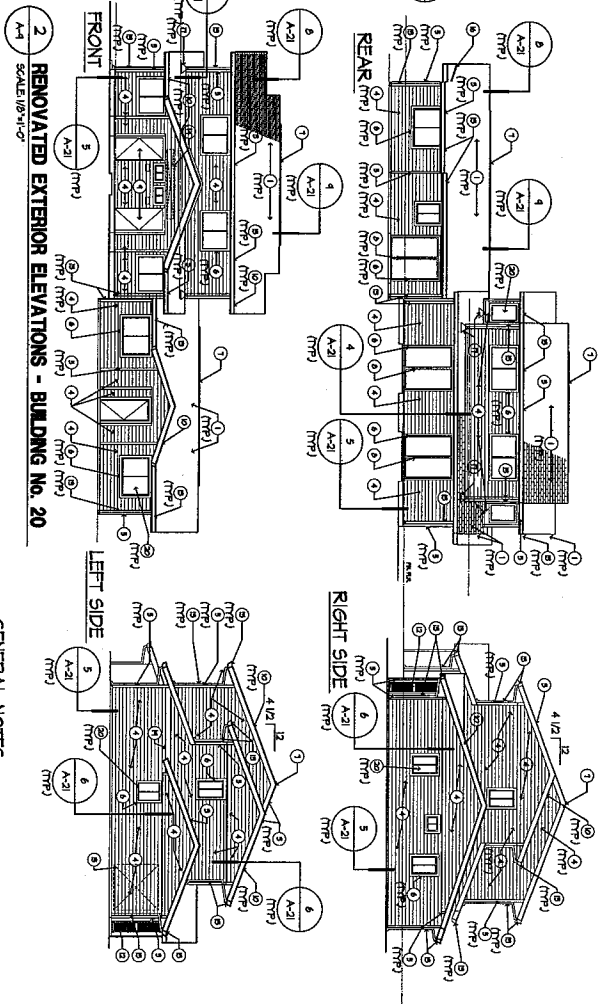
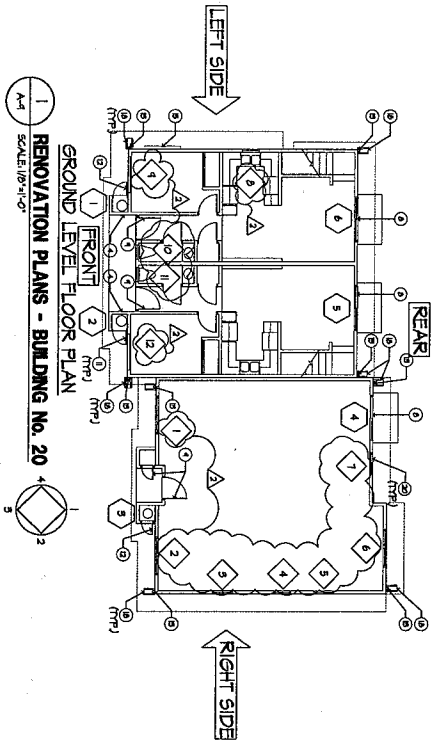
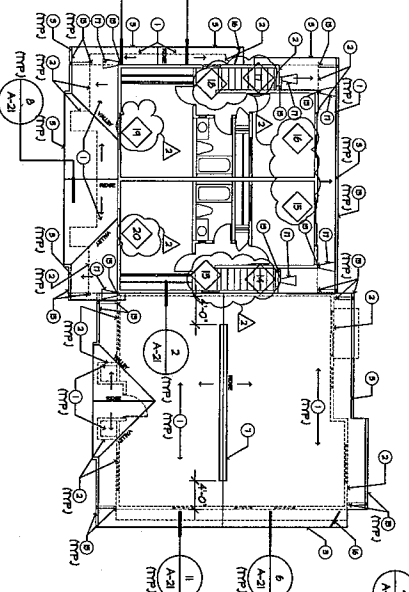
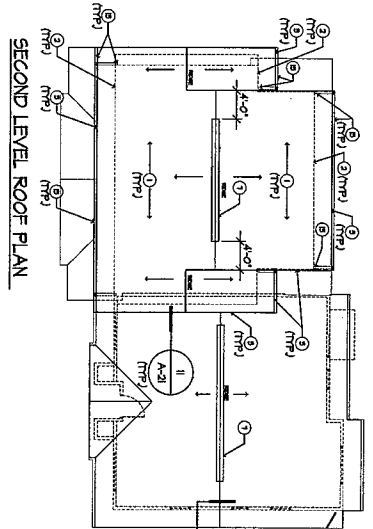
1. SEE DET. 10/A-20 FOR NEW TRIM CONDITIONS AT EXISTING DOORS.
2. SEE DOOR SCHEDULE FOR ALL NEW DOORS.
3. SEE DET. 10/A-21 FOR VENT TO ROOF WHERE OCCURS.
4. CONTRACTOR TO VERIFY ALL DIMENSIONS.
5. SEE DEMOLITION PLAN FOR BUILDING DIMENSIONS.

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# **BUILDING No. 20** **RENOVATION KEY NOTES**

1. NEW ASPHALT SHINGLES, 1 LAYER, ANCHOR OVER EXISTING ROOF SHEETPILE THROUGHOUT.
2. NEW PLASTIC DRAIN VENTS THROUGHOUT BUILDING, SEE DET. 1/A-21.
3. NEW SHEET PILE DRAIN EDGE, SEE DET. 1/A-21.
4. EXISTING GUTTER, REMOVE OVER EXISTING ROOF SHEETPILE THROUGHOUT.
5. PROVIDE NEW CORNER TRIMS THROUGHOUT BUILDING, SEE DET. 4/A-21.
6. PROVIDE NEW WINDOW & DOOR TRIMS THROUGHOUT BUILDING.
7. NEW ROOF VENT, PROVIDE CONTINUOUS 1" AIR GAP AT EXISTING ROOF SHEETPILE, SEE DET. 1/A-21.
8. NEW PVC SLIDING DOOR, SEE DET. 1/A-21.
9. REPAIR EXISTING DOORS.
10. REPAIR EXISTING PASADIA THROUGHOUT.
11. EXISTING HEATER CLOSET DOOR TO REMAIN, PROVIDE NEW HEATER CLOSET DOOR, LOCK CYLINDER.
12. PROVIDE NEW HEATER CLOSET DOOR, HINGES AND LOCKSET, SEE DET. 1/A-21.
13. PROVIDE NEW PVC DOWNSPOUT AND VENT GUTTER, SEE DET. 1/A-21.
14. PROVIDE NEW SIGNAGE, SEE DET. 1/A-21.
15. PROVIDE NEW SIGNAGE, SEE DET. 1/A-21.
16. PROVIDE NEW SIGNAGE, SEE DET. 1/A-21.
17. PROVIDE NEW SIGNAGE, SEE DET. 1/A-21.
18. PROVIDE NEW SIGNAGE, SEE DET. 1/A-21.
19. PROVIDE NEW SIGNAGE, SEE DET. 1/A-21.
20. PROVIDE NEW SIGNAGE, SEE DET. 1/A-21.



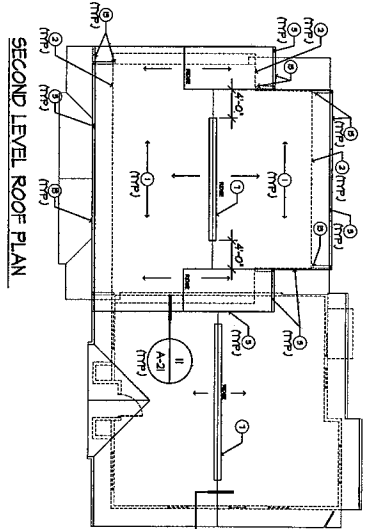
- ## **GENERAL NOTES**
1. SEE DET. 1/A-20 FOR NEW TRIM CONDITIONS AT EXISTING DOORS.
  2. SEE DET. 1/A-21 FOR VENT TO ROOF.
  3. SEE DET. 1/A-21 FOR VENT TO ROOF.
  4. CONTRACTOR TO VERIFY ALL DIMENSIONS.
  5. SEE RENOVATION PLAN FOR BUILDING DIMENSIONS.

<p><b>APPROVED FOR CONSTRUCTION</b></p> <p>DATE: 12/20/10</p> <p>APPROVED BY: [Signature]</p>		<p><b>DESIGN FOR THE PHYSICAL IMPROVEMENTS TO MAKANI KAI HALE I &amp; II</b></p> <p>DATE: 12/20/10</p> <p>DESIGNED BY: [Signature]</p>	
<p><b>REVISIONS</b></p> <p>NO. DESCRIPTION DATE</p>		<p><b>PROJECT INFORMATION</b></p> <p>PROJECT NO. 10-04-10-07</p> <p>DATE: DEC 2009</p>	
<p><b>CLIENT INFORMATION</b></p> <p>CLIENT: [Name]</p> <p>ADDRESS: [Address]</p>		<p><b>DESIGNER INFORMATION</b></p> <p>DESIGNER: [Name]</p> <p>ADDRESS: [Address]</p>	

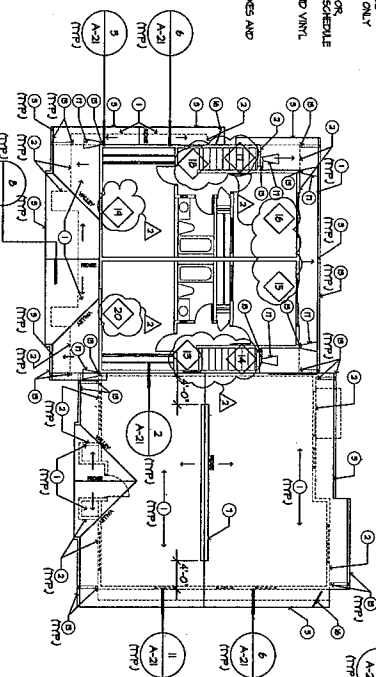
# BUILDING NO. 40

## RENOVATION KEY NOTES

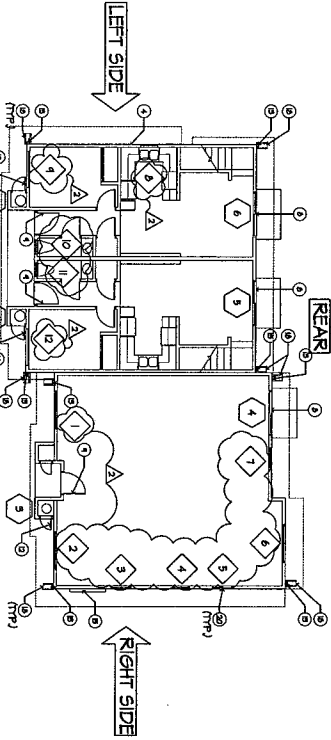
1. NEW ASPHALT SHINGLES & UNDERLAYMENT OVER EXISTING ROOF SUBSTRATE THROUGHOUT.
2. NEW PLASTIC EXIST VENTS THROUGHOUT BUILDING. SEE DET. 10A-21.
3. NEW METAL DRAIN BOARDS. NEW FLOORING OVER EXISTING AND NEW FLOORING SHEATHING.
4. PROVIDE NEW CORNER TRIMS THROUGHOUT BUILDING. SEE DET. 6A-21.
5. PROVIDE NEW WINDOW & DOOR TRIMS THROUGHOUT BUILDING.
6. NEW DOOR KENT. PROVIDE CONTINUOUS 1" SHEATHING. SEE DET. 6A-21.
7. NEW P.V.C. SLIPING DOOR. SEE DET. 6A-21.
8. REPAIR DOORS.
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SECOND LEVEL ROOF PLAN



SECOND LEVEL FLOOR LOWER ROOF PLAN



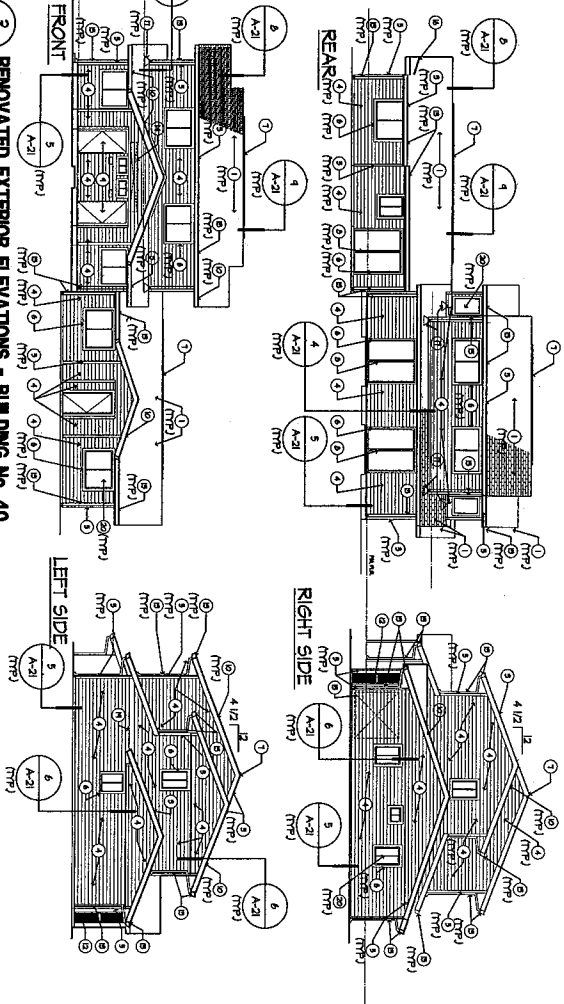
GROUND LEVEL FLOOR PLAN

1 RENOVATION PLANS - BUILDING NO. 40

SCALE: 1/8"=1'-0"

2 RENOVATED EXTERIOR ELEVATIONS - BUILDING NO. 40

SCALE: 1/8"=1'-0"



## GENERAL NOTES

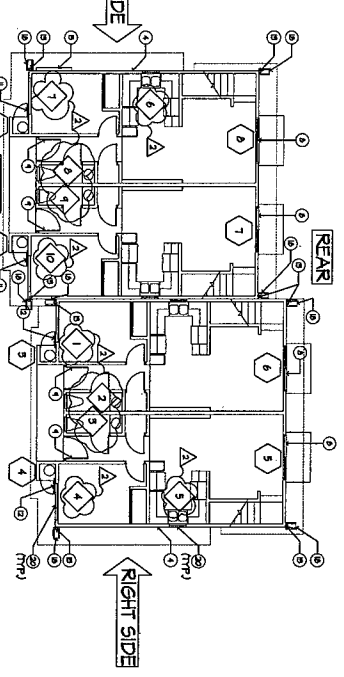
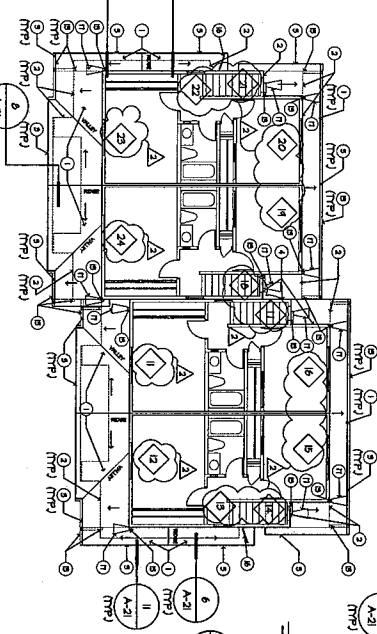
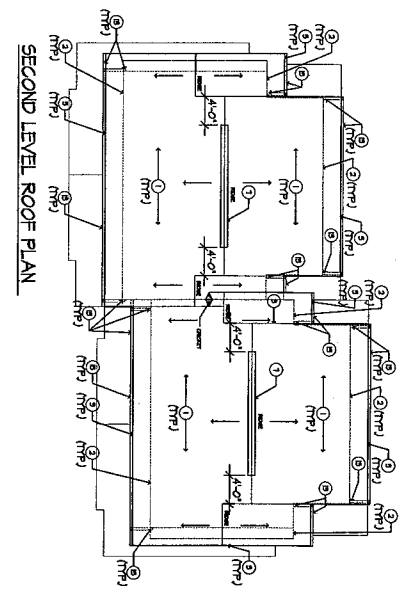
1. SEE DET. 10A-20 FOR NEW RM CONDITIONS AT EXISTING ROOFS.
2. SEE DET. 10A-21 FOR NEW RM CONDITIONS AT EXISTING ROOFS.
3. SEE DET. 10A-21 FOR NEW RM CONDITIONS AT EXISTING ROOFS.
4. CONTRACTOR TO VERIFY ALL DIMENSIONS.
5. SEE DEMOLITION PLAN FOR BUILDING DIMENSIONS.

<b>APPROVED FOR THE</b> <b>PHYSICAL IMPROVEMENTS TO</b> <b>MAKANI KAI HALE I &amp; II</b> HONOLULU, HAWAII STATE OF HAWAII		DATE: 12/20/10 DRAWN BY: [Signature] CHECKED BY: [Signature]
DESIGN FOR THE PHYSICAL IMPROVEMENTS TO MAKANI KAI HALE I & II HONOLULU, HAWAII STATE OF HAWAII		PROJECT NO.: [Number] SHEET NO.: [Number] DATE: DEC 2009
DESIGNER: [Firm Name] ARCHITECT: [Firm Name] ENGINEER: [Firm Name]		SCALE: AS NOTED SHEET: A-11

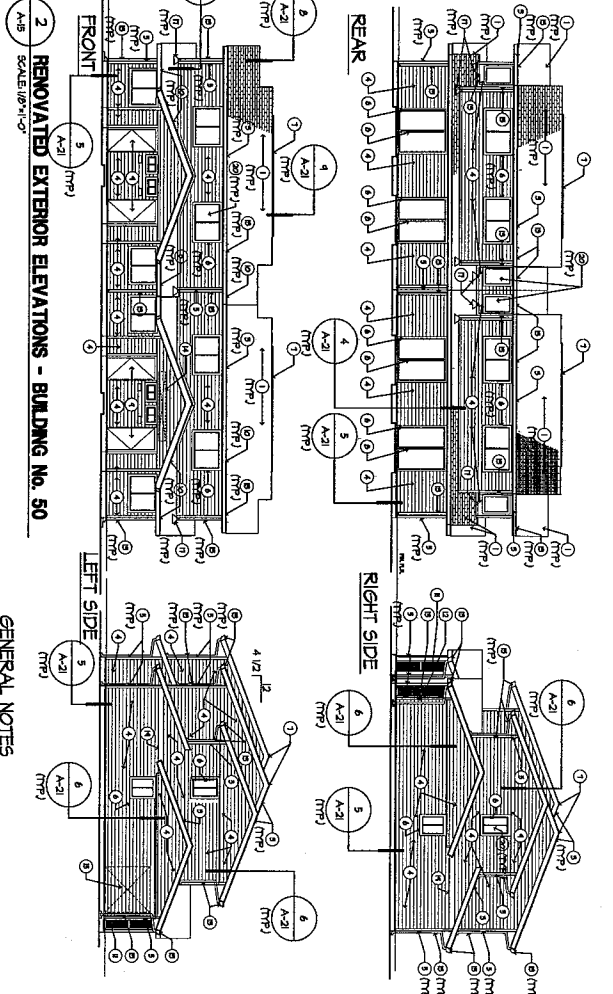


# **BUILDING No. 50** **RENOVATION KEY NOTES**

1. NEW ASPHALT SHINGLES & UNDERLAYMENT OVER EXISTING ROOF. SEEBRISTE THROUGHOUT.
2. NEW PLASTIC LAWN VENTS THROUGHOUT. BUILDING, SEE DET. 1/A-2.
3. NEW SHEET METAL DRAIN DOOR.
4. NEW FIBER CONCRETE SLOPE OVER EXISTING AND NEW PLYWOOD SEATING.
5. PROVIDE NEW CORNER TRIMS.
6. THROUGHOUT BUILDING, SEE DET. 1/A-2.
7. PROVIDE NEW WINDOW & DOOR TRIMS.
8. NEW ROOF VENT. PROVIDE CONTINUOUS 1" SEALING. SEE DET. 1/A-2.
9. NEW PLY SLIDING DOOR. SEE DET. 1/A-2.
10. REPAIR DOORS.
11. REPAIR EXISTING FASCIA THROUGHOUT.
12. EXISTING HEATER. GLOSET DOOR TO REPAIR. EXISTING DOOR. LOCKER WITH ONLY LOCK CYLINDER.
13. PROVIDE NEW HEATER. GLOSET DOOR. PROVIDE NEW PLY DOWNPORT AND VINYL GUTTER. SEE DET. 1/A-2.
14. PROVIDE NEW SIGNAGE. SEE SIGN DET. 1/A-2.
15. PROVIDE NEW SIGNAGE. SEE SIGN DET. 1/A-2.
16. PROVIDE NEW SIGNAGE. SEE SIGN DET. 1/A-2.
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49. PROVIDE NEW SIGNAGE. SEE SIGN DET. 1/A-2.
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## **2. RENOVATED EXTERIOR ELEVATIONS - BUILDING No. 50**



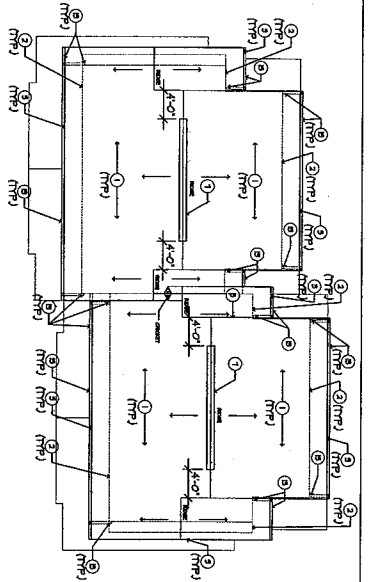
- GENERAL NOTES**
1. SEE DET. 1/A-2 FOR NEW TRIM CONDITIONS AT EXISTING DOORS.
  2. SEE DOOR SCHEDULE FOR ALL NEW DOORS.
  3. SEE DET. 1/A-2 FOR NEW TO ROOF WOOD DOORS.
  4. CONTRACTOR TO VERIFY ALL DIMENSIONS.
  5. SEE DETAIL PLAN FOR BUILDING DIMENSIONS.

<p>ADD. 2. A. ADDED NEW WINDOWS.</p>		<p>DATE: 12/29/00</p>	
<p>REVISION: 1</p>		<p>DATE: 12/29/00</p>	
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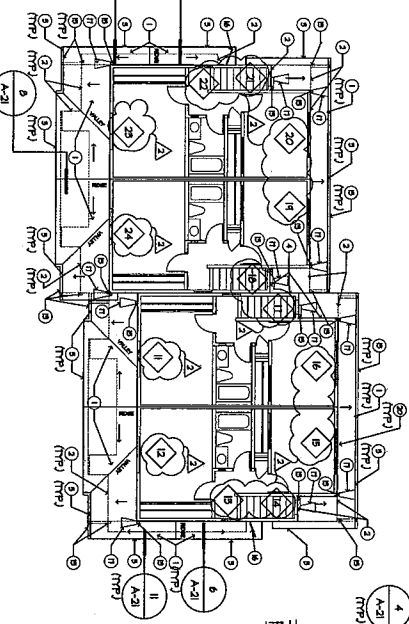
# **BUILDING No. 55** **RENOVATION KEY NOTES**

1. NEW ASPHALT SHINGLE, 1 WATER-NET OVER EXISTING ROOF SHEET, 1 THROUSHOT BUILDING, SEE DET. 1/A-21
2. NEW 1/4" X 2" FIVE VENT THROUSHOT BUILDING, SEE DET. 1/A-21
3. NEW SHEET METAL, DWP EDGE, SEE DET. 1/A-21
4. NEW FIBER CEMENT SIDING OVER EXISTING AND NEW FLYWOOD THROUSHOT BUILDING, SEE DET. 4/A-21
5. PROVIDE NEW WINDOW 4 DOOR TRIMS THROUSHOT BUILDING, SEE DET. 4/A-21
6. NEW SLIDE VENT, PROVIDE CONTINUOUS 1 SEAMING, SEE DET. 4/A-21
7. NEW PVC SLIDING DOOR, SEE DET. SCHEDULE A-20
8. REPAIR EXISTING FASCIA THROUSHOT
9. EXISTING HEATER CLOSET DOOR TO REPAIR, REPLACE EXISTING HINGE, REPLACE EXISTING DOOR LOCKER WITH ONLY PROVIDE NEW SIGNAGE, SEE DET. A-20
10. PROVIDE NEW HEATER CLOSET DOOR, HINGE AND LOCKER, SEE DET. SCHEDULE A-20
11. EXISTING ELECTRICAL PANELS BOVES AND CONDONS, SEE ELECTRICAL PLAN
12. NEW DIVERSTER
13. NEW SHEET METAL, GALVALUM PAUL SEE DET. 1/A-21
14. NEW CONCRETE BRASH BLOCK, SEE DET. 1/A-21
15. NEW 1/4" X 2" FIVE VENT THROUSHOT BUILDING, PROVIDE ALL NEW WINDOWS THROUSHOT, SEE DET. 2/A-20 OR 1/A-20 WHERE APPROPRIATE

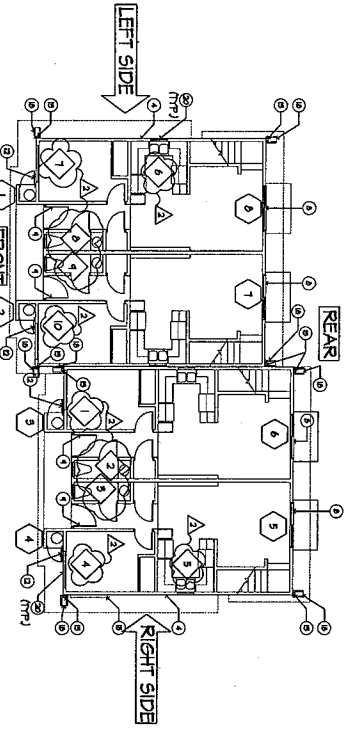
**SECOND LEVEL ROOF PLAN**



**SECOND LEVEL FLOOR LOWER ROOF PLAN**

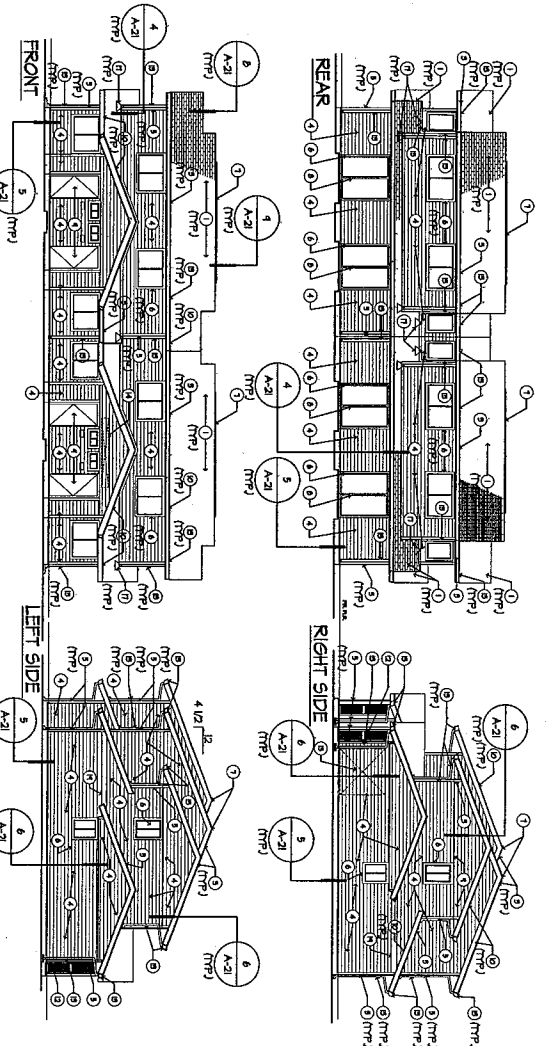


**GROUND LEVEL FLOOR PLAN**



**1 RENOVATION PLANS - BUILDING No. 55**  
SCALE: 1/8" = 1'-0"

**2 RENOVATED EXTERIOR ELEVATIONS - BUILDING No. 55**  
SCALE: 1/8" = 1'-0"



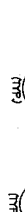
## **GENERAL NOTES**

1. SEE DET. 1/A-20 FOR NEW TRIM CONDITIONS AT EXISTING DOORS.
2. SEE DET. 1/A-20 FOR NEW DOOR LOCKER.
3. SEE DET. 1/A-20 FOR NEW VENT TO ROOF.
4. CONTRACTOR TO VERIFY ALL DIMENSIONS.
5. SEE DETAIL PLAN FOR BUILDING DIMENSIONS.

<p><b>APPROVED FOR THE PROJECT</b></p> <p>DESIGN FOR THE PHYSICAL IMPROVEMENTS TO MAKANI KAI HALE I &amp; II</p> <p>BY: [Signature]</p> <p>DATE: DEC 2013</p>		<p><b>APPROVED FOR THE PROJECT</b></p> <p>BY: [Signature]</p> <p>DATE: DEC 2013</p>
<p><b>DESIGN FOR THE PHYSICAL IMPROVEMENTS TO MAKANI KAI HALE I &amp; II</b></p> <p>BY: [Signature]</p> <p>DATE: DEC 2013</p>		<p><b>DESIGN FOR THE PHYSICAL IMPROVEMENTS TO MAKANI KAI HALE I &amp; II</b></p> <p>BY: [Signature]</p> <p>DATE: DEC 2013</p>
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[illegible]

1  
RENOVATION PLANS - BUILDING No. 60



- ## GENERAL NOTES
1. SEE DET. 1/A-20 FOR NEW TRIM CONDITIONS AT EXISTING DOORS.
  2. SEE DOOR SCHEDULE FOR ALL NEW DOORS.
  3. SEE DET. 10/A-21 FOR VENT TO ROOF WHERE OCCURS.
  4. CONTRACTOR TO VERIFY ALL DIVISIONS.
  5. SEE DETAIL PLAN FOR BUILDING DIVISIONS.

ADD. 2 ACCEPTED BY NETWORK		DATE 12/26/00		APPROVED BY  	
REVIEWED DATE		DESIGNED BY  		DATE	
DESIGN FOR THE PHYSICAL IMPROVEMENTS TO NAKKAN KAI HALET & II (SEE ATTACHED SHEETS)					
DRAWN BY: JAMES A. HANCOCK CHECKED BY: JAMES A. HANCOCK TITLE OF DRAWING					
DRAWING NO. 01-043-102-5-97		SCALE AS SHOWN		DATE DEC 2000	
DRAWING NO. A-19		DRAWING NO. 20		DATE DEC 2000	
BUILDING NO. REVISION PLAN BUILDING NO. REVISION KEY NOTES CIVIL ARCHITECTS INC.					
DRAWING NO. 01-043-102-5-97		SCALE AS SHOWN		DATE DEC 2000	
DRAWING NO. A-19		DRAWING NO. 20		DATE DEC 2000	

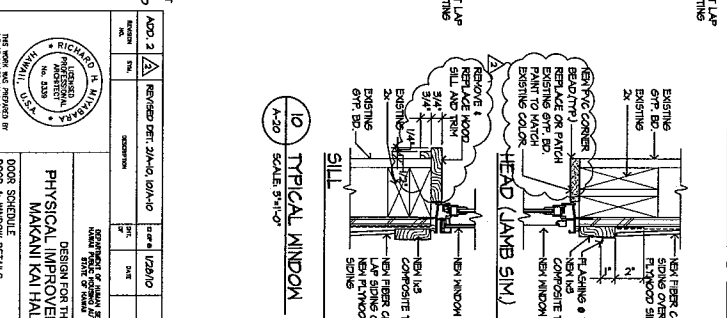
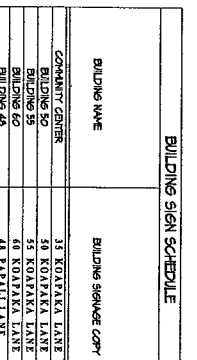
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BUILDING SIGN SCHEDULE		
BUILDING NAME	BUILDING SIGNAGE COPY	
COMMUNITY CENTER		
BUILDING 50	35 KOVATKA LANE	
BUILDING 55	50 KOVATKA LANE	
BUILDING 55	50 KOVATKA LANE	
BUILDING 40	44 PARALLI LANE	
BUILDING 40	40 PARALLI LANE	
BUILDING 20	20 PARALLI LANE	
BUILDING 10	10 PARALLI LANE	
BUILDING 8	8 PARALLI LANE	

## BUILDING SIGN SCHEDULE

- | BUILDING NAME | COMPANITY CENTER |
|---------------|------------------|
|               |                  |

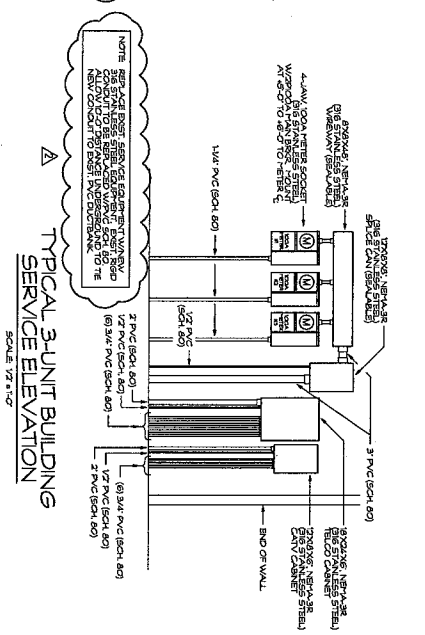
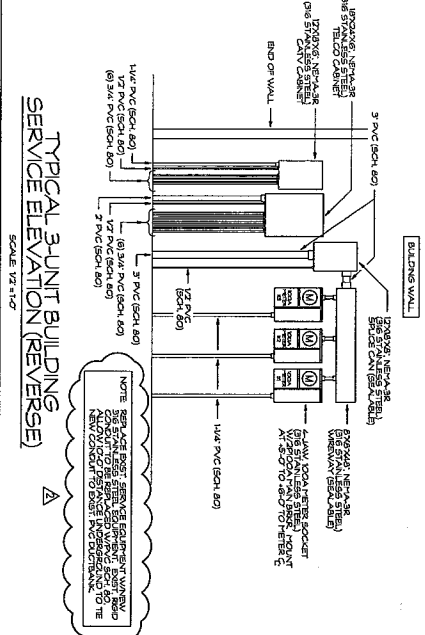
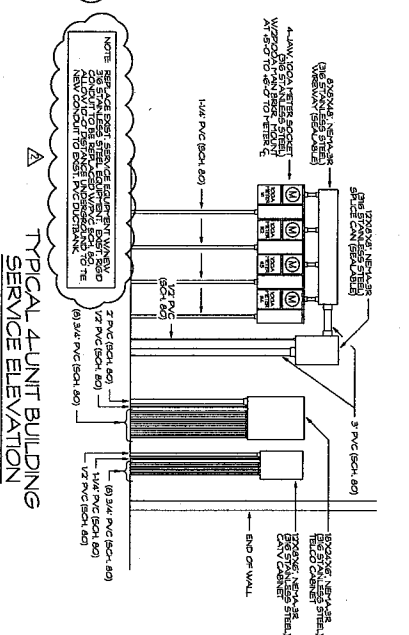
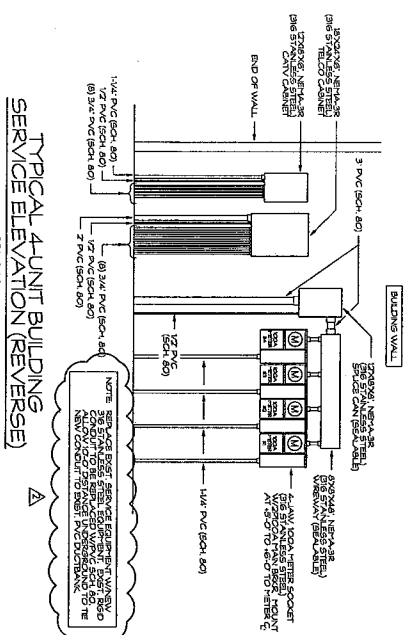
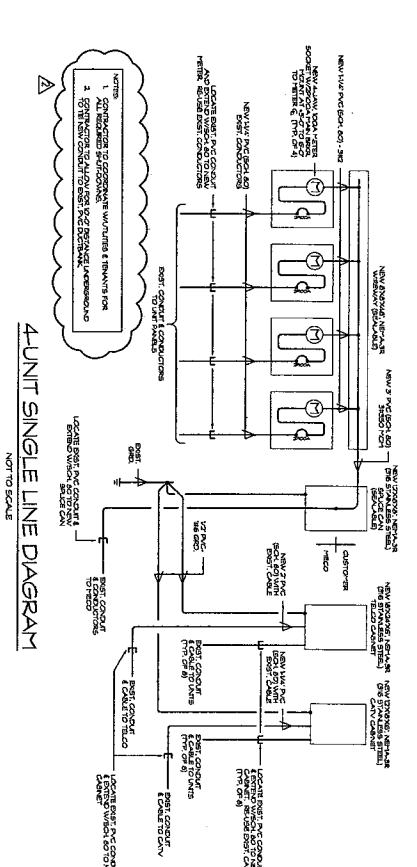
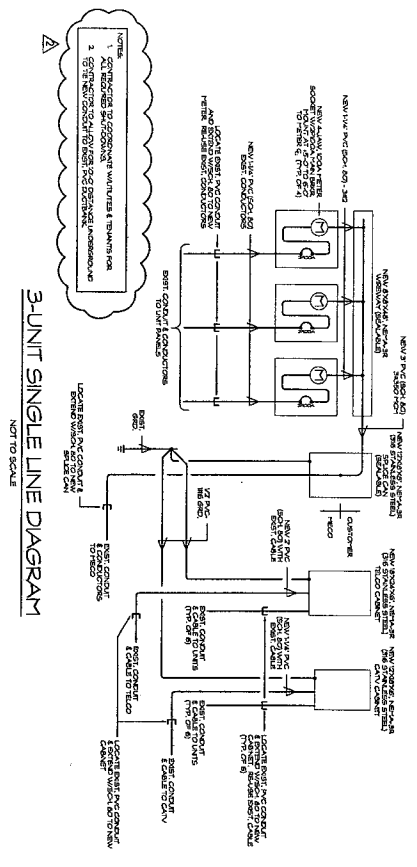
## REMARKS



[illegible][illegible]







UNIT	UNIT NO.	UNIT NAME	UNIT TYPE	UNIT STATUS
1	1	UNIT 1	1	1
2	2	UNIT 2	2	2
3	3	UNIT 3	3	3
4	4	UNIT 4	4	4
5	5	UNIT 5	5	5
6	6	UNIT 6	6	6
7	7	UNIT 7	7	7
8	8	UNIT 8	8	8
9	9	UNIT 9	9	9
10	10	UNIT 10	10	10

2 ADDENDUM #2 DATE: 11/29/10 DRAWN BY: [Signature] CHECKED BY: [Signature] APPROVED BY: [Signature]		15 16 17 18 19 20 21 22 23 24 25	
DESIGN FOR THE PHYSICAL IMPROVEMENTS TO MAKANI KAI HALE I & II ELECTRICAL SERVICE ELEVATIONS & NOTES LORAN & ASSOCIATES, LLC 07-01-10-5 DEC 2009 E-3		LORAN & ASSOCIATES, LLC 07-01-10-5 DEC 2009 E-3	

## **SECTION 02070 - SELECTIVE DEMOLITION**

### **PART 1 - GENERAL**

#### **1.01 SUMMARY**

- A. This Section includes the following:
  - 1. Demolition and removal of selected portions of the tenant occupied buildings and the Community Center building.
  - 2. Patching and repairs.
- B. Related Sections and Drawings: The following Sections and drawings contain requirements that relate to this Section:
  - 1. Section 01045 - Cutting and Patching.
  - 2. Electrical Drawings.

#### **1.02 DEFINITIONS**

- A. Remove: Remove and legally dispose of items except those indicated to be reinstalled, salvaged, or to remain the HPHA's property.
- B. Remove and Reinstall: Remove items indicated; clean, service, and otherwise prepare them for reuse; store and protect against damage. Reinstall items in the same locations or in locations indicated.
- C. Existing to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. When permitted by HPHA, items may be removed to a suitable, protected storage location during selective demolition and then cleaned and reinstalled in their original locations.

#### **1.03 MATERIALS OWNERSHIP**

- A. Except for items or materials indicated to be reused, salvaged, reinstalled, or otherwise indicated to remain the HPHA's property, demolished materials shall become the Contractor's property and shall be removed from the site with further disposition at the Contractor's option.

#### **1.04 SUBMITTALS**

- A. General: Submit each item in this Article according to the Conditions of the Contract and Division 1 Specification Sections, for information only, unless otherwise indicated.

- B. Proposed dust-control measures.
- C. Schedule of selective demolition activities indicating the following:
  - 1. Detailed sequence of selective demolition and removal work, with starting and ending dates for each activity.
  - 2. Interruption of utility services.
  - 3. Coordination for shutoff, capping, and continuation of utility services.
  - 4. Coordination of the tenants' continuing occupancy of portions of existing buildings.
  - 5. Locations of temporary partitions and means of egress.
- D. Inventory of items to be removed and salvaged.
- E. Inventory of items to be removed by the HPHA.
- F. Record drawings at Project closeout according to Division 1 Section "Contract Closeout."
  - 1. Identify and accurately locate capped utilities and other subsurface structural, electrical, or mechanical conditions.
- G. Landfill records indicating receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes.

#### **1.05 QUALITY ASSURANCE**

- A. Demolition Firm Qualifications: Engage an experienced firm that has successfully completed selective demolition Work similar to that indicated for this Project.
- B. Regulatory Requirements: Comply with governing EPA notification regulations before starting selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.
- C. Predemolition Conference: Conduct conference at Project site to comply with pre-installation conference requirements of Division 1 Section "Project Meetings."

#### **1.06 PROJECT CONDITIONS**

- A. The tenants will occupy some of the buildings on the premises immediately adjacent to selective demolition area. Conduct selective demolition so that the tenants' occupancy will not be disrupted. Provide not less than 72 hours' notice to the HPHA of activities that will affect the tenants' occupancy..

- B. HPHA assumes no responsibility for actual condition of buildings to be selectively demolished.
- C. Storage or sale of removed items or materials on-site will not be permitted.

#### **1.07 SCHEDULING**

- A. Arrange selective demolition schedule so as not to interfere with the occupancy of buildings.

#### **1.08 WARRANTY**

- A. Existing Special Warranty: Remove, replace, patch, and repair materials and surfaces cut or damaged during selective demolition, by methods and with materials so as not to void existing warranties.

### **PART 2 - PRODUCTS**

#### **2.01 REPAIR MATERIALS**

- A. Use repair materials identical to existing materials.
  - 1. Where identical materials are unavailable or cannot be used for exposed surfaces, use materials that visually match existing adjacent surfaces to the fullest extent possible.
  - 2. Use materials whose installed performance equals or surpasses that of existing materials.

### **PART 3 - EXECUTION**

#### **3.01 EXAMINATION**

- A. Verify that utilities have been disconnected and capped.
- B. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.
- C. Inventory and record the condition of items to be removed and reinstalled and items to be removed and salvaged.
- D. When unanticipated mechanical, electrical, or structural elements that conflict with the intended function or design are encountered, investigate and measure the nature and extent of the conflict. Promptly submit a written report to the Engineer..

- E. Survey the condition of the building to determine whether removing any element might result in structural deficiency or unplanned collapse of any portion of the structure or adjacent structures during selective demolition.
- F. Perform surveys as the Work progresses to detect hazards resulting from selective demolition activities.

### **3.02 UTILITY SERVICES**

- A. Maintain existing utilities indicated to remain in service and protect them against damage during selective demolition operations.
  - 1. Do not interrupt existing utilities serving occupied or operating facilities, except when authorized in writing by HPHA and authorities having jurisdiction. Provide temporary services during interruptions to existing utilities, as acceptable to HPHA and to governing authorities.
    - a. Provide not less than 72 hours' notice to HPHA if shutdown of service is required during changeover.
- B. Utility Requirements: Locate, identify, disconnect, and seal or cap off indicated utility services serving building to be selectively demolished.
  - 1. HPHA will arrange to shut off indicated utilities when requested by Contractor.
  - 2. Arrange to shut off indicated utilities with utility companies.
  - 3. Where utility services are required to be removed, relocated, or abandoned, provide bypass connections to maintain continuity of service to other parts of the building before proceeding with selective demolition.
  - 4. Cut off pipe or conduit in walls or partitions to be removed. Cap, valve, or plug and seal the remaining portion of pipe or conduit after bypassing.
- C. Utility Requirements: Refer to Electrical drawings for shutting off, disconnecting, removing, and sealing or capping utility services. Do not start selective demolition work until utility disconnecting and sealing have been completed and verified in writing.

### **3.03 PREPARATION**

- A. Drain, purge, or otherwise remove, collect, and dispose of chemicals, gases, explosives, acids, flammables, or other dangerous materials before proceeding with selective demolition operations.

- B. Conduct demolition operations and remove debris to ensure minimum interference with roads, streets, walks, and other adjacent occupied and used facilities.
  - 1. Do not close or obstruct streets, walks, or other adjacent occupied or used facilities without permission from HPHA and authorities having jurisdiction. Provide alternate routes around closed or obstructed traffic ways if required by governing regulations.
- C. Conduct demolition operations to prevent injury to people and damage to adjacent buildings and facilities. Ensure safe passage of people around selective demolition area.
  - 1. Erect temporary protection, such as walks, fences, railings, canopies, and covered passageways, where required by authorities having jurisdiction.
  - 2. Protect existing site improvements, appurtenances, and landscaping to remain.
  - 3. Provide temporary weather protection, during interval between demolition and removal of existing construction, on exterior surfaces and new construction to ensure that no water leakage or damage occurs to structure or interior areas.
  - 4. Protect walls, ceilings, floors, and other existing finish work that are to remain and are exposed during selective demolition operations.
  - 5. Cover and protect furniture, furnishings, and equipment that have not been removed.
  - 6. Erect and maintain dustproof partitions and temporary enclosures to limit dust and dirt migration and to separate areas from fumes and noise.
  - 7. Provide and maintain interior and exterior shoring, bracing, or structural support to preserve stability and prevent movement, settlement, or collapse of building to be selectively demolished.
    - a. Strengthen or add new supports when required during progress of selective demolition.

### **3.04 POLLUTION CONTROLS**

- A. Use water mist, temporary enclosures, and other suitable methods to limit the spread of dust and dirt. Comply with governing environmental protection regulations.
  - 1. Do not use water when it may damage existing construction or create hazardous or objectionable conditions, such as flooding, and pollution.

- B. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
  - 1. Remove debris from elevated portions of building by chute, hoist, or other device that will convey debris to grade level.
- C. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before start of selective demolition.

### **3.05 SELECTIVE DEMOLITION**

- A. Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete Work within limitations of governing regulations and as follows:
  - 1. Proceed with selective demolition systematically, from higher to lower level. Complete selective demolition work above each floor or tier before disturbing supporting members on lower levels.
  - 2. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. To minimize disturbance of adjacent surfaces, use hand or small power tools designed for sawing or grinding, not hammering and chopping. Temporarily cover openings to remain.
  - 3. Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.
  - 4. Do not use cutting torches until work area is cleared of flammable materials. At concealed spaces, such as duct and pipe interiors, verify condition and contents of hidden space before starting flame-cutting operations. Maintain portable fire-suppression devices during flame-cutting operations.
  - 5. Maintain adequate ventilation when using cutting torches.
  - 6. Remove decayed, vermin-infested, or otherwise dangerous or unsuitable materials and promptly dispose of off-site.
  - 7. Remove structural framing members and lower to ground by method suitable to avoid free fall and to prevent ground impact or dust generation.
  - 8. Locate selective demolition equipment throughout the structure and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
  - 9. Dispose of demolished items and materials promptly. On-site storage or sale of removed items is prohibited.
  - 10. Return elements of construction and surfaces to remain to condition existing before start of selective demolition operations.



### **3.06. PATCHING AND REPAIRS**

- A. Promptly patch and repair holes and damaged surfaces caused to adjacent construction by selective demolition operations.
- B. Patching is specified in Section 01045.
- C. Where repairs to existing surfaces are required, patch to produce surfaces suitable for new materials.
- D. Restore exposed finishes of patched areas and extend finish restoration into adjoining construction to remain in a manner that eliminates evidence of patching and refinishing.
- E. Patch and repair existing wall surfaces where demolished materials are removed.
  - 1. Closely match texture and finish of existing adjacent surface.
  - 2. Where patching smooth painted surfaces, extend final paint coat over entire unbroken surface containing the patch after the surface has received primer and second coat.
  - 3. Inspect and test patched areas to demonstrate integrity of the installation, where feasible.
- F. Patch, repair existing ceilings as necessary to provide an even-plane surface of uniform appearance.

### **3.07 DISPOSAL OF DEMOLISHED MATERIALS**

- A. General: Promptly dispose of demolished materials. Do not allow demolished materials to accumulate on-site.
- B. Burning: Do not burn demolished materials.
- C. Disposal: Transport demolished materials and dispose of at disposal sites.

### **3.08 CLEANING**

- A. Sweep the building broom clean on completion of selective demolition operation.

END OF SECTION

## **SECTION 01045 - CUTTING AND PATCHING**

### **PART 1 - GENERAL**

#### **1.01 SUMMARY**

- A. This Section includes administrative and procedural requirements for cutting and patching.
- B. Related Sections: The following Sections contain requirements that relate to this Section:
  - 1. Section 02070 - Selective Demolition.

#### **1.02 QUALITY ASSURANCE**

- A. Operational Limitations: Do not cut and patch operating elements or related components in a manner that would result in reducing their capacity to perform as intended. Do not cut and patch operating elements or related components in a manner that would result in increased maintenance or decreased operational life or safety.
- B. Visual Requirements: Do not cut and patch construction exposed on the exterior or in occupied spaces in a manner that would, in HPHA's opinion, reduce the building's aesthetic qualities. Do not cut and patch construction in a manner that would result in visual evidence of cutting and patching. Remove and replace construction cut and patched in a visually unsatisfactory manner.

### **PART 2 - PRODUCTS**

#### **2.01 MATERIALS, GENERAL**

- A. Use materials identical to existing materials. For exposed surfaces, use materials that visually match existing adjacent surfaces to the fullest extent possible if identical materials are unavailable or cannot be used. Use materials whose installed performance will equal or surpass that of existing materials.

### **PART 3 - EXECUTION**

#### **3.01 INSPECTION**

- A. Examine surfaces to be cut and patched and conditions under which cutting and patching is to be performed before cutting. If unsafe or unsatisfactory conditions are encountered, take corrective action before proceeding.

### **3.02 PREPARATION**

- A. Temporary Support: Provide temporary support of work to be cut.
- B. Protection: Protect existing construction during cutting and patching to prevent damage. Provide protection from adverse weather conditions for portions of the Project that might be exposed during cutting and patching operations.
- C. Avoid interference with use of adjoining areas or interruption of free passage to adjoining areas.
- D. Avoid cutting existing pipe, conduit, or ductwork serving the building but scheduled to be removed or relocated until provisions have been made to bypass them.

### **3.03 PERFORMANCE**

- A. General: Employ skilled workmen to perform cutting and patching. Proceed with cutting and patching at the earliest feasible time and complete without delay.
  - 1. Cut existing construction to provide for installation of other components or performance of other construction activities and the subsequent fitting and patching required to restore surfaces to their original condition.
- B. Cutting: Cut existing construction using methods least likely to damage elements retained or adjoining construction.
  - 1. In general, where cutting, use hand or small power tools designed for sawing or grinding, not hammering and chopping. Cut holes and slots as small as possible, neatly to size required, and with minimum disturbance of adjacent surfaces. Temporarily cover openings when not in use.
  - 2. To avoid marring existing finished surfaces, cut or drill from the exposed or finished side into concealed surfaces.
  - 3. Where services are required to be removed, relocated, or abandoned, by-pass utility services, such as pipe or conduit, before cutting. Cut-off pipe or conduit in walls or partitions to be removed. Cap, valve, or plug and seal the remaining portion of pipe or conduit to prevent entrance of moisture or other foreign matter after by-passing and cutting.
- C. Patching: Patch with durable seams that are as invisible as possible. Comply with specified tolerances.
  - 1. Where feasible, inspect and test patched areas to demonstrate integrity of the installation.
  - 2. Restore exposed finishes of patched areas and extend finish restoration into retained adjoining construction in a manner that will eliminate evidence of patching and refinishing.

3. Provide an even surface of uniform color and appearance. Remove existing floor and wall coverings and replace with new materials, if necessary, to achieve uniform color and appearance.
  - a. Where patching occurs in a smooth painted surface, extend final paint coat over entire unbroken surface containing the patch after the area has received primer and second coat.

#### **3.04 CLEANING**

- A. Clean areas and spaces where cutting and patching are performed. Completely remove paint, mortar, oils, putty, and similar items. Thoroughly clean piping, conduit, and similar features before applying paint or other finishing materials. Restore damaged pipe covering to its original condition.

END OF SECTION